

**EOG Resources, Inc.**  
**P.O. 1910**  
**Vernal, UT 84078**

January 9, 2004

Utah Division of Oil, Gas, & Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL  
CHAPITA WELLS UNIT 839-27  
SW/NE, SEC. 27, T9S, R22E  
UINTAH COUNTY, UTAH  
LEASE NO.: U-0285A  
FEDERAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter  
P.O. Box 1910  
Vernal, UT 84078  
Phone: (435)789-4120  
Fax: (435)789-1420

Sincerely,



Ed Trotter  
Agent  
EOG Resources, Inc.

Attachments

RECEIVED  
JAN 15 2004  
DIV. OF OIL, GAS & MINING

(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0136

001

## APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. TYPE OF WORK <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease serial No. U-0285A	
b. TYPE OF WELL <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe name CHAPITA WELLS UNIT	
2. Name of Operator EOG RESOURCES, INC.		7. If Unit or CA Agreement, Name and No. CHAPITA WELLS UNIT	
3a. Address P.O. BOX 1910, VERNAL, UT 84078		8. Lease Name and Well No. CHAPITA WELLS UNIT 839-27	
3b. Telephone Number: (435)789-4120		9. API Well No. 43-047-35441	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 1403' FNL & 2279' FEL 4429904/Y 40.61052 At proposed prod. Zone 634492X SW/NE -109.42424		10. Field and pool, or Exploratory NATURAL BUTTES	
14. Distance in miles and direction from nearest town or post office* 18.77 MILES SOUTHEAST OF OURAY, UTAH		11. Sec., T., R., M., or BLK. And survey of area SEC. 27, T9S, R22E, S.L.B.&M.	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any) 1403'	16. No. of acres in lease 1800	12. County or parish UINTAH	13. State UTAH
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. See Map C	19. Proposed depth 10,225'	17. Spacing Unit dedicated to this well	
21. Elevations (show whether DF, KDB, RT, GL, etc.) 4970.9 FEET GRADED GROUND	22. Approx. date work will start* UPON APPROVAL	20. BLM/BIA Bond No. on file #NM 2308	
23. Estimated duration		24. Attachments	

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan
- A Surface Use Plan (if the location is on National Forest System lands, the SUPO shall be filed with the appropriate Forest Service Office.
- Bond to cover the operations unless covered by an existing bond on file (see item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the Authorized officer.

25. Signature <i>Ed Trotter</i>	Name (Printed/ Typed) Ed Trotter	Date January 9, 2004
Title Agent		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 01-22-04
Title ENVIRONMENTAL SCIENTIST III		

**Federal Approval of this  
Action is Necessary**

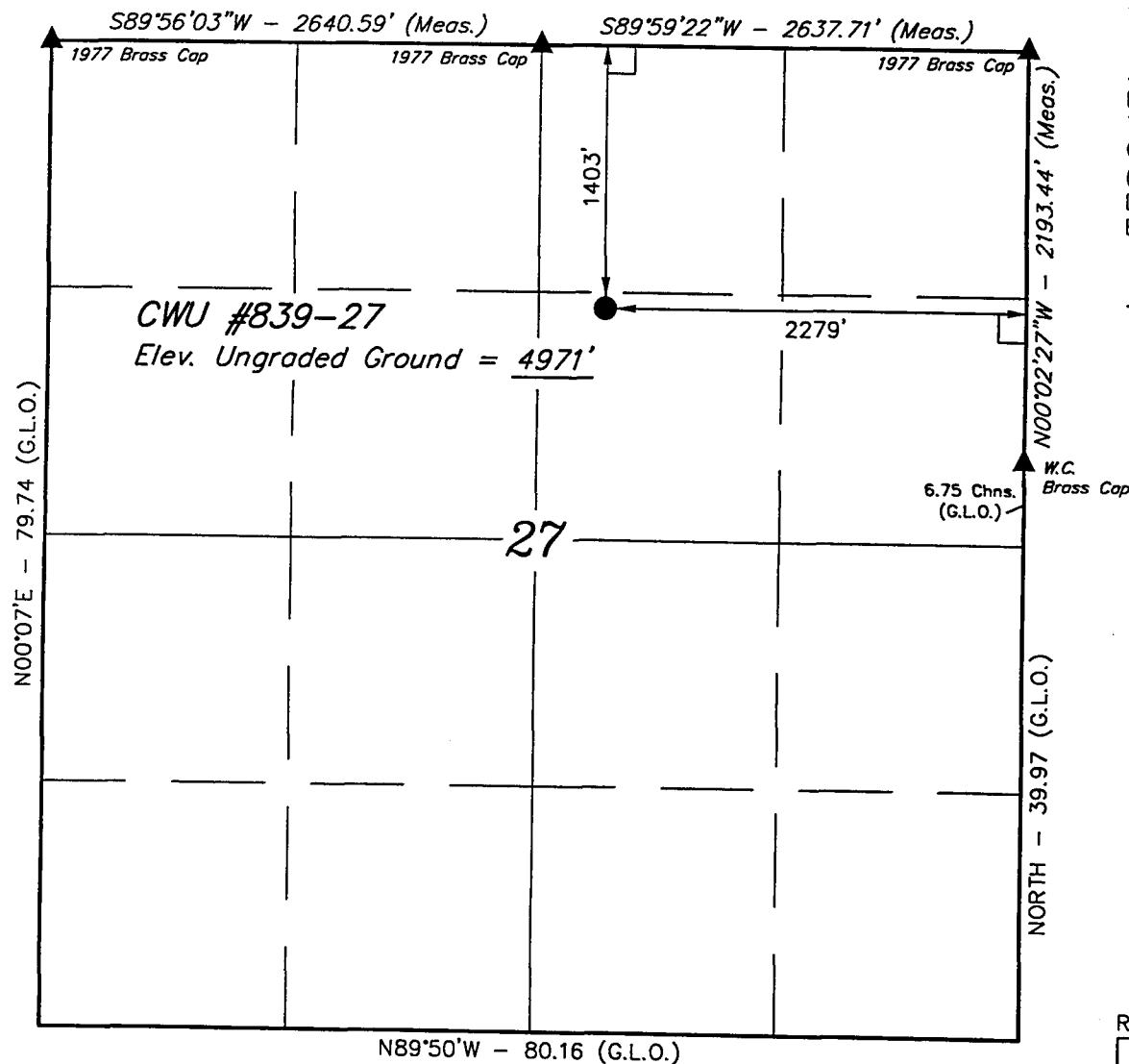
**RECEIVED**  
JAN 15 2004

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

T9S, R22E, S.L.B.&M.



LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

(NAD 27)  
 LATITUDE = 40°00'37.54" (40.010428)  
 LONGITUDE = 109°25'26.94" (109.424150)

EOG RESOURCES, INC.

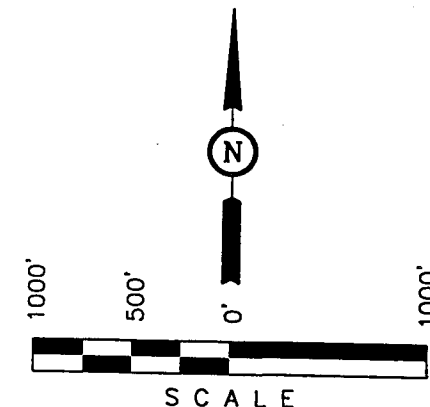
Well location, CWU #839-27, located as shown in the SW 1/4 NE 1/4 of Section 27, T9S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert A. Cox*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161318  
 STATE OF UTAH

REVISED: 10-09-03 D.COX

UINTAH ENGINEERING & LAND SURVEYING  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 05-29-03	DATE DRAWN: 06-11-03
PARTY G.S. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE EOG RESOURCES, INC.	

## EIGHT POINT PLAN

### CHAPITA WELLS UNIT 839-27 SW/NE, SEC. 27, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

<b>FORMATION</b>	<b>DEPTH (KB)</b>
Green River	1,611'
Wasatch	4,580'
Island	7,105'
KMV Price River	7,260'
KMV Price River Middle	7,935'
KMV Price River Lower	8,734'
Bit Trip Sego	9,105'
Sego	9,165'
KMV Castlegate	9,335'
KMV Castlegate SS	9,575'
Bit Trip Black Hawk Shale	9,585'
KMV Black Hawk	9,795'

EST. TD: 10,225

Anticipated BHP 4400 PSI

#### 3. PRESSURE CONTROL EQUIPMENT: 5000 PSIG BOP Schematic Diagrams attached.

#### 4. CASING PROGRAM:

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>RATING FACTOR</u>		
							<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
12 1/4"	0' - 2600'	2600'	9 5/8"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
7 7/8"	2600' - TD +/-KB	10,225' +/-	4 1/2"	11.6 #	N-80	LTC	6350 PSI	7780 PSI	223,000#

The 12 1/4" hole will be drilled to a total depth of 200' below the base of the Green River lost circulation zone and 9 5/8" casing will be set to that depth. Actual setting depth of the 9 5/8" casing may be less than 2600' in this well.

All casing will be new or inspected.

#### 5. Float Equipment:

##### Surface Hole Procedure (0-2600' Below GL):

Float Shoe: (PDC drillable)

Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface (15 total.)

## EIGHT POINT PLAN

### CHAPITA WELLS UNIT 839-27 SW/NE, SEC. 27, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### Float Equipment (Continued):

#### Production Hole Procedure (2600'-TD):

FS, 1 joint of casing, FC, and balance of casing to surface. Run 11.6#, N-80 burst rating or equivalent marker collars or short casing joints at  $\pm 8,100'$  and  $\pm 7,500'$  (alter depth if needed to avoid placing across any potentially- productive intervals). Centralize 5' above shoe on joint #1, top of joint #2, then every 2nd joint to 400' above Island top (40 total). Thread lock FS, top and bottom of FC, and top of 2<sup>nd</sup> joint.

## **6. MUD PROGRAM**

#### Surface Hole Procedure (0-2600' below GL):

Air – Air Water Mist

#### Production Hole Procedure (2600'-TD):

2300'– 5000': Circulate fresh water through reserve pit and add Crystal Drill. Sweep with Barazan D and Barolift.

5000'– 9000': Close in pits and add 6 ppb DAP. Add Crystal Drill to keep water clear. Add NaCl water for weight. Sweep with Barazan D and Barolift

9000' – TD: Close in pits and add 6 ppb DAP. Add Crystal Drill to keep water clear. Add barite for weight. Add sea mud for viscosity as needed. Sweep with Barazan D and Barolift

## **7. VARIANCE REQUESTS:**

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

## **8. EVALUATION PROGRAM:**

Logs: RST (Reservoir Saturation Tool) cased hole logs                      TD – Surface

**EIGHT POINT PLAN**

**CHAPITA WELLS UNIT 839-27**  
**SW/NE, SEC. 27, T9S, R22E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

**9. CEMENT PROGRAM:**

**Surface Hole Procedure (0-2600' Below GL)**

**Lead: 1376 sks:** (100% excess volume) Class 'G' cement with 2% S001 (CaCl<sub>2</sub>) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft<sup>3</sup>/sk., 4.95 gps water.

**Top Out:** Top out with Class 'G' cement with 2% S1 (CaCl<sub>2</sub>) in mix water, 15.8 ppg, 1.16 ft<sup>3</sup>/sk., 4.95 gps via 1" tubing set at 25' if needed.

**Production Hole Procedure (2600' to TD)**

**Lead: 150 sks. 35:65 Poz:** Class "G" w/ 4% D20 (Bentonite), + 2% D174 + 0.75% D112 + 0.2% D46 + 0.15% D13 + 0.25 pps D29, mixed at 13.0 ppg, 1.73 ft<sup>3</sup>/sk., 9.06 gps water.

**Tail: 280 sks 50:50 Poz:** Class "G" w/ 2% D20 (Bentonite), + 0.1% D46 + 0.075% D800 + 0.2% D167 + 0.2% D65 + 35% D66, mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9 gps water.

**10. ABNORMAL CONDITIONS:**

**Production Hole (2700'-TD):**

Sloughing shales and key seat development are possible in the Wasatch Formation. CO<sub>2</sub> contamination in the mud is possible in the Price River (Mesa Verde).

**11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**12. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

**CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL**

Company/Operator:	<u>EOG Resources, Inc.</u>
Well Name & Number:	<u>Chapita Wells Unit 839-27</u>
Lease Number:	<u>U-0285A</u>
Location:	<u>1403' FNL &amp; 2279' FEL, SW/NE, Sec. 27, T9S, R22E, S.L.B.&amp;M., Uintah County, Utah</u>
Surface Ownership:	<u>Federal</u>

**NOTIFICATION REQUIREMENTS**

Location Construction - forty-eight (48) hours prior to construction of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice: - at least twenty-four (24) hours prior to spudding the well.

Casing String and Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.

BOP and related Equipment Tests - twenty-four (24) hours prior to running casing and tests.

First Production Notice - within five (5) business days after new Well begins or production resumes after Well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## **THIRTEEN POINT SURFACE USE PROGRAM**

### **1. EXISTING ROADS**

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 18.77 miles southeast of Ouray, Utah - See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

### **2. PLANNED ACCESS ROAD**

- A. An existing access road will be utilized to service this well. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.



3. **LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION**

A. Abandoned wells – 6\*

B. Producing wells -36\*

(\*See attached TOPO map "C" for location)

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

A. **ON WELL PAD**

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, 300 Bbl vertical or 200 Bbl low profile, condensate tank, and attaching piping.
2. Gas gathering lines - A 3" gathering line will be buried from dehy to the edge of the location.

B. **OFF WELL PAD**

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
2. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery.

The production facilities will be placed on the Southwest side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction

in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

5. **LOCATION & TYPE OF WATER SUPPLY**

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. **SOURCE OF CONSTRUCTION MATERIAL**

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Federal Land.
- C. No mineral materials will be required.

7. **METHODS OF HANDLING WASTE DISPOSAL**

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
  - 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
  - 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
  - 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
  - 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore

hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

**On BLM administered land:**

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

**The reserve pit shall be lined with a plastic liner. A felt liner will also be installed if rock is encountered during pit construction.**

**8. ANCILLARY FACILITIES**

- A. No airstrips or camps are planned for this well.

**9. WELLSITE LAYOUT**

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.
- D. The approved seed mixture for this location will be the same as that for the CWU 439-27.

The reserve pit will be located on the South side of the location. The flare pit will be located downwind of the prevailing wind direction on the Southwest side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The well is located on an existing location so there will be no stockpiled pit topsoil. The existing location topsoil pile is located Northwest of Corner #7. Upon completion of construction, the stockpiled topsoil will be broadcast seeded with the approved seed mixture for this location and then walked down with a cat.

Access to the well pad will be from the Northeast.

**FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).

- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

## **10. PLANS FOR RESTORATION OF SURFACE**

### **A. PRODUCING LOCATION**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

**B. DRY HOLE/ABANDONED LOCATION**

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

**11. SURFACE OWNERSHIP**

Access road: Federal

Location: Federal

**12. OTHER INFORMATION**

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

-whether the materials appear eligible for the National Register of Historic Places;

-the mitigation measures the operator will likely have to undertake before the site can be used.

-a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

**Additional Surface Stipulations**

None

**LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION**

**PERMITTING AGENT**

Ed Trotter  
P.O. Box 1910  
Vernal, UT 84078  
Telephone: (435)789-4120  
Fax: (435)789-1420

**DRILLING OPERATIONS**

Donald Presenkowski  
EOG Resources, Inc.  
P.O. Box 250  
Big Piney, WY 83113  
Telephone: (307)276-4865

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

**Certification**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that EOG Resources, Inc. is considered to be the operator of the **Chapita Wells Unit 839-27 Well, located in the SW/NE Section 27, T9S, R22E, Uintah County, Utah; Lease #U-0285A;** and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #NM 2308.

1-9-2004  
Date

  
Agent

EOG RESOURCES, INC.  
CWU #839-27  
SECTION 27, T9S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 100' TO THE CWU #439-27 AND THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 49.8 MILES.



# EOG RESOURCES, INC.

CWU #839-27

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 27, T9S, R22E, S.L.B.&M.

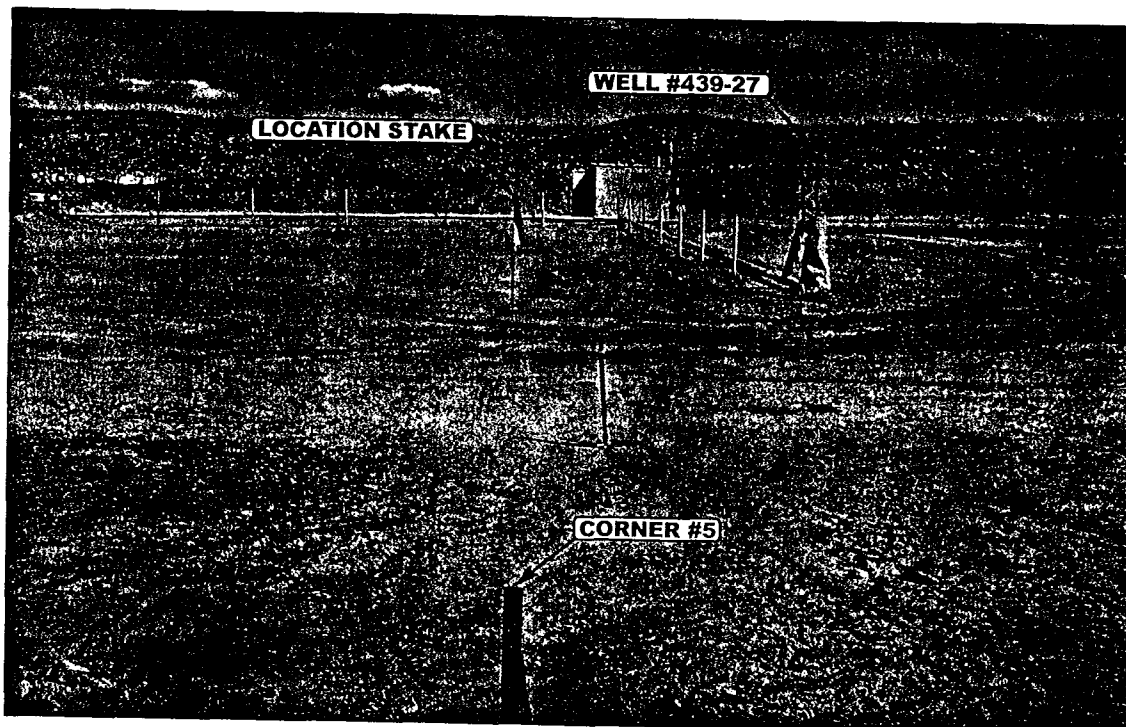


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

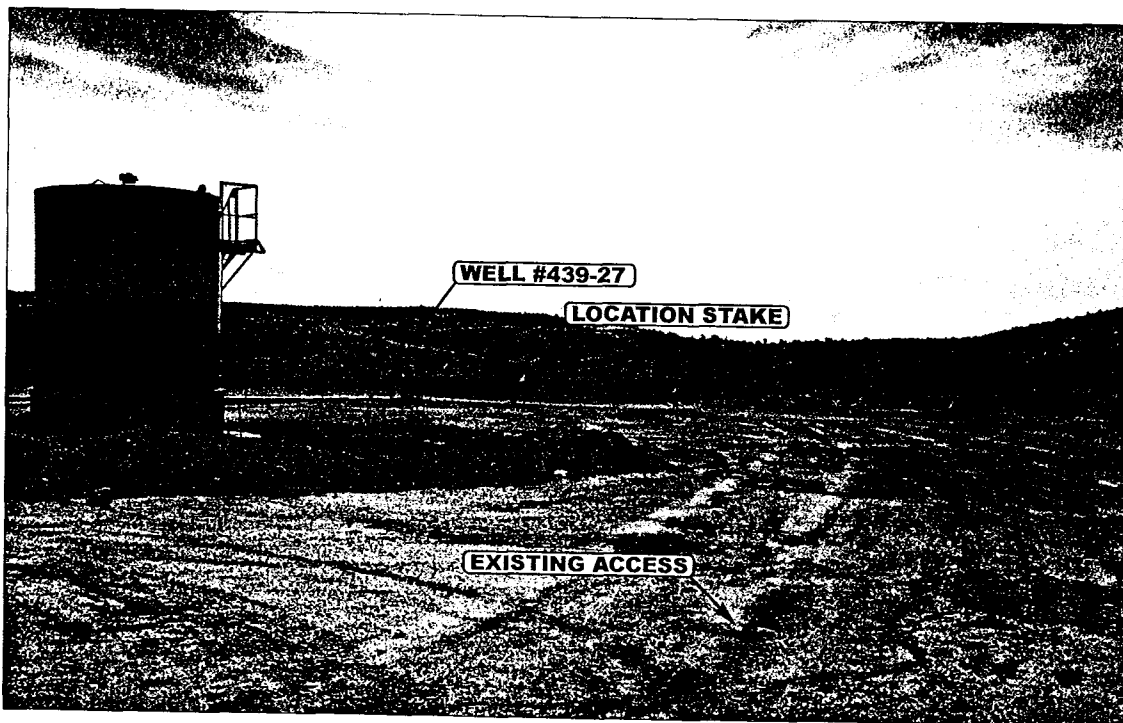


PHOTO: VIEW FROM EXISTING ACCESS

CAMERA ANGLE: SOUTHERLY



UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

06 04 03  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.A.

DRAWN BY: P.M.

REVISED: 10-09-03

- Since 1964 -

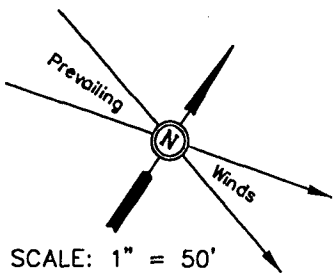
# EOG RESOURCES, INC.

## LOCATION LAYOUT FOR

CWU #839-27

SECTION 27, T9S, R22E, S.L.B.&M.

1403' FNL 2279' FEL



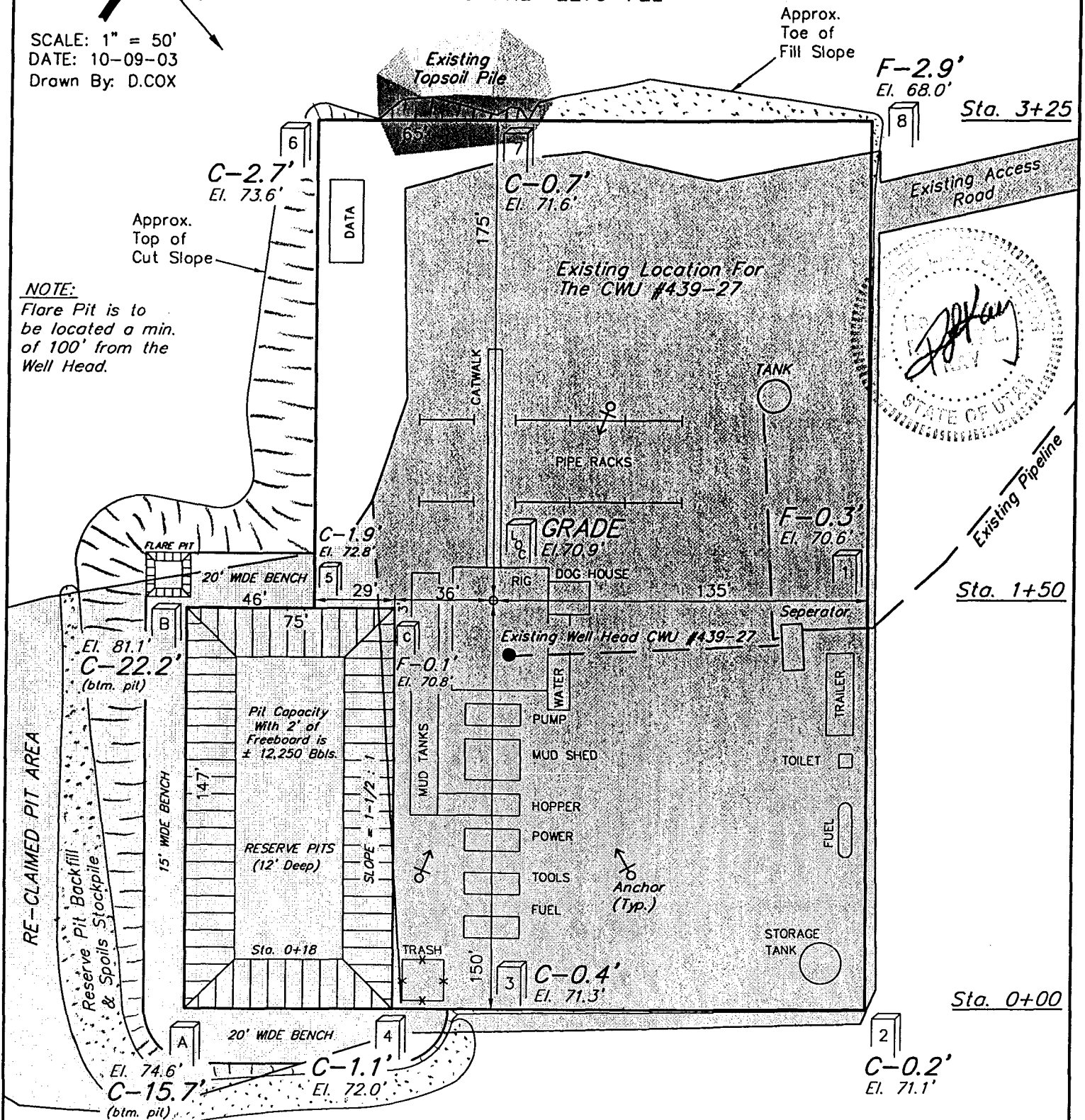
SCALE: 1" = 50'

DATE: 10-09-03

Drawn By: D.COX

### NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



RE-CLAIMED PIT AREA

Reserve Pit Backfill  
& Spoils Stockpile

Elev. Graded Ground at Location Stake = 4970.9'

UINTAH ENGINEERING & LAND SURVEYING

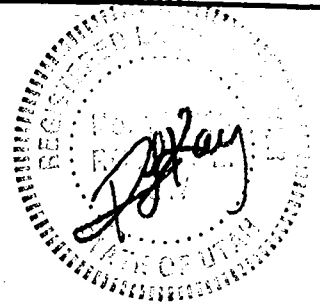
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

# EOG RESOURCES, INC.

## TYPICAL CROSS SECTIONS FOR

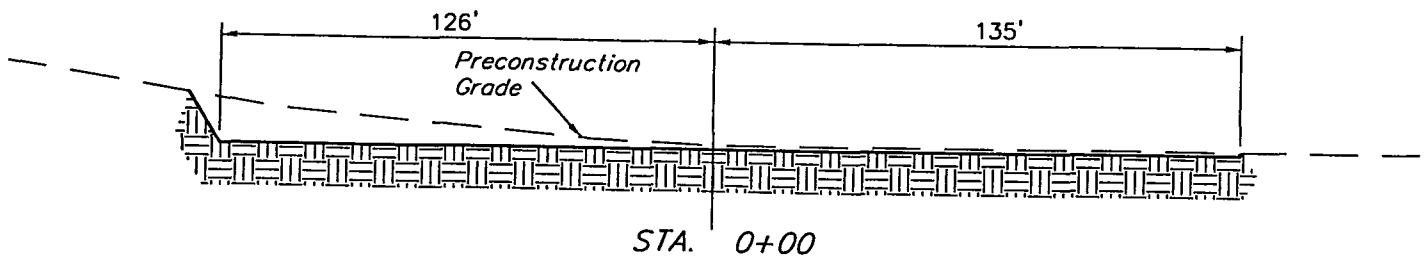
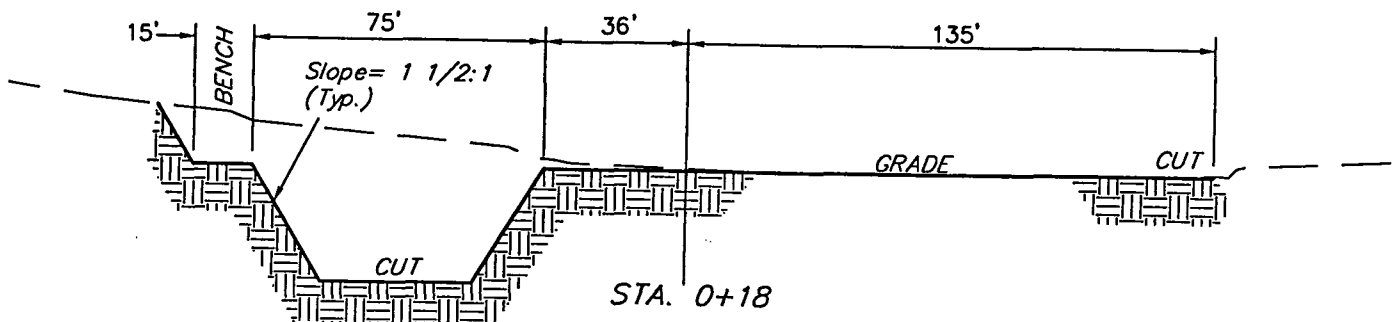
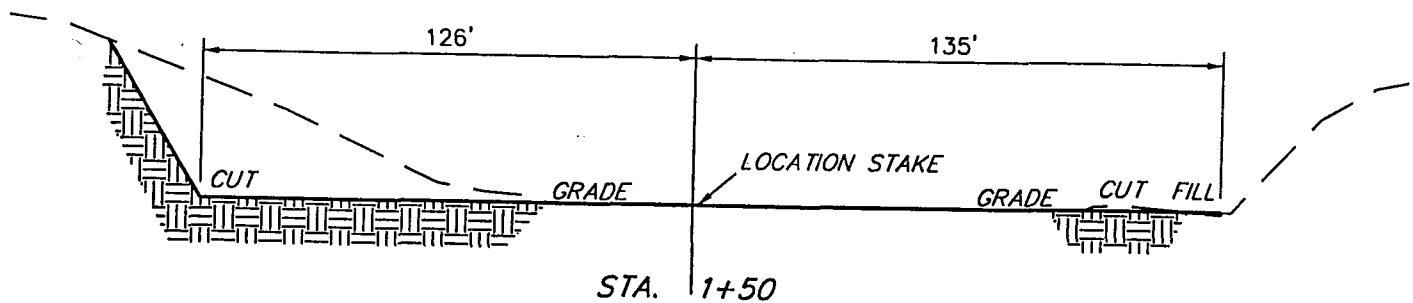
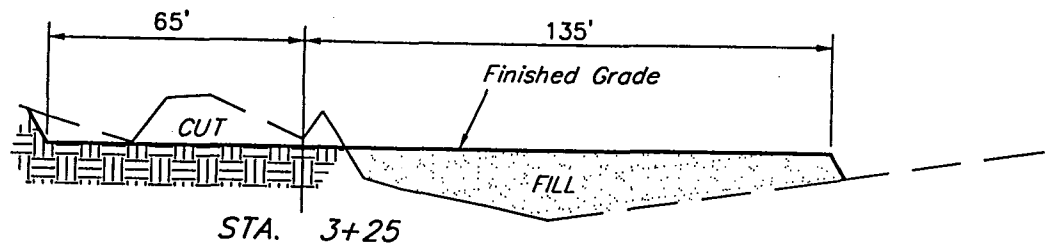
CWU #839-27

SECTION 27, T9S, R22E, S.L.B.&M.  
1403' FNL 2279' FEL



1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 10-09-03  
Drawn By: D.COX



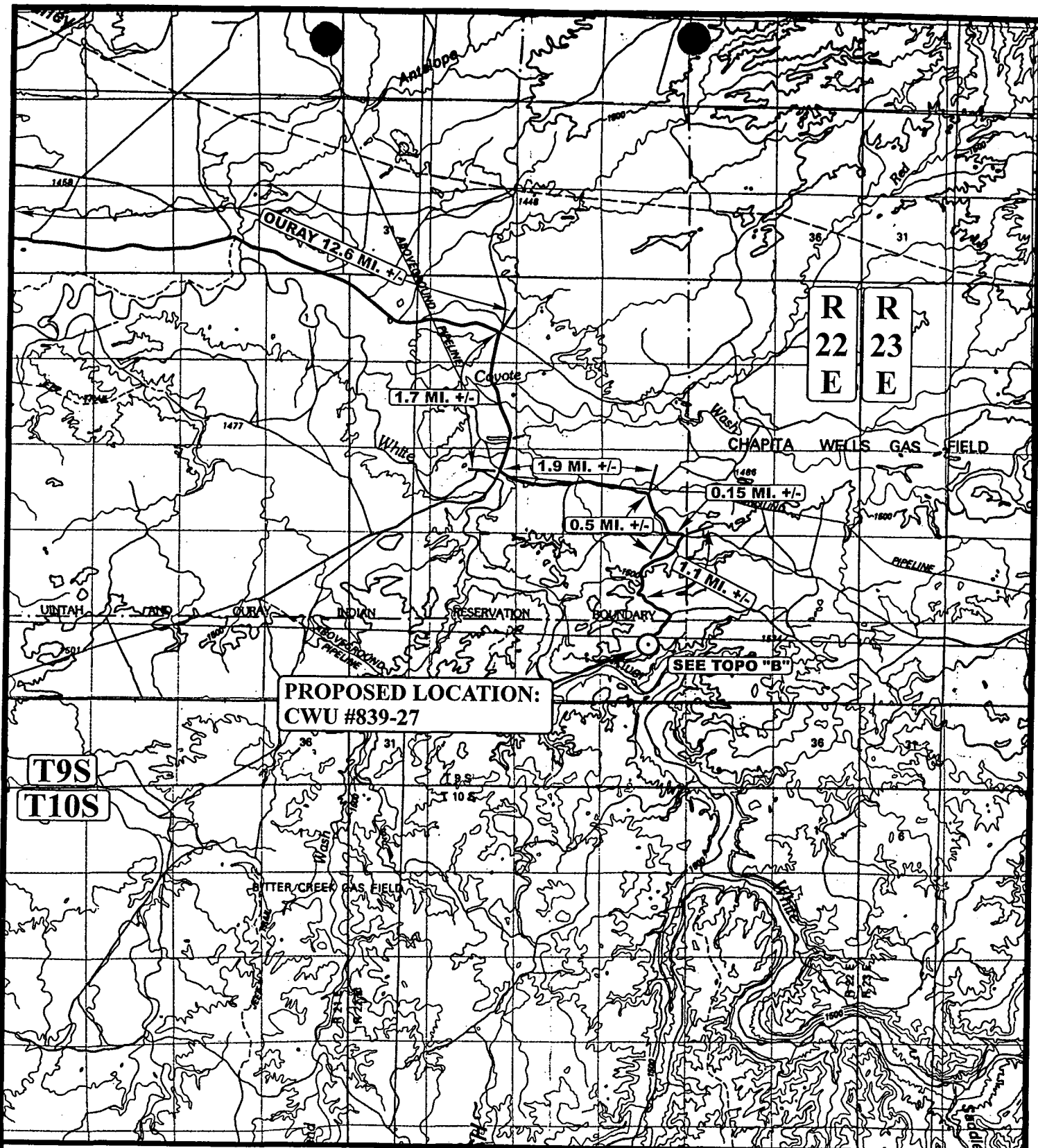
### APPROXIMATE YARDAGES

TOTAL CUT = 8,590 CU.YDS.

FILL = 580 CU.YDS.

EXCESS MATERIAL AFTER  
5% COMPACTION = 7,980 Cu. Yds.  
Pit Backfill (1/2 Pit Vol.) = 1,660 Cu. Yds.  
EXCESS UNBALANCE  
(After Rehabilitation) = 6,320 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



# LEGEND:

○ PROPOSED LOCATION

N

EOG RESOURCES, INC.

CWU #839-27

SECTION 27, T9S, R22E, S.L.B.&M.

1403' FNL 2279' FEL



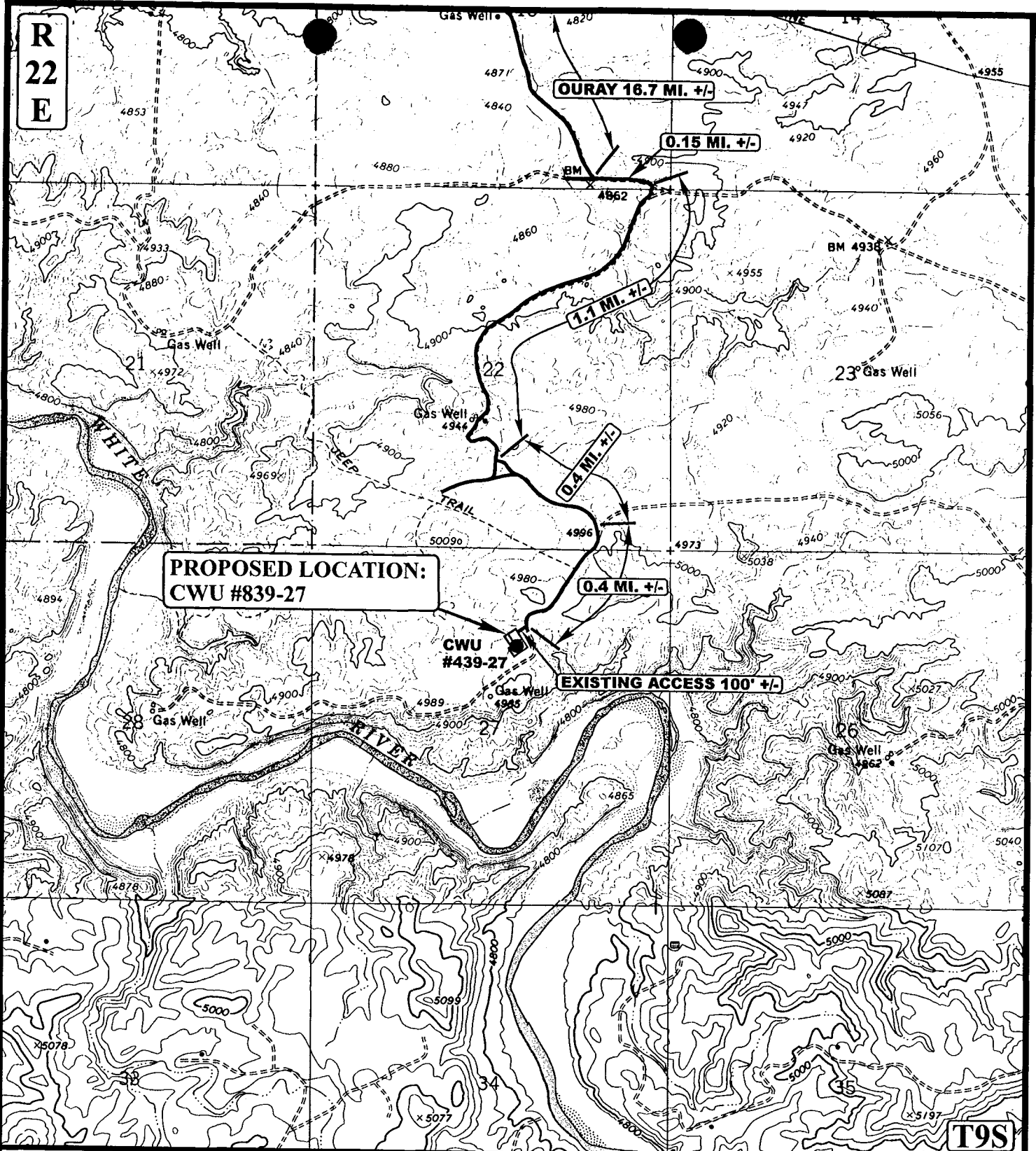
Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
MAP

06 04 03  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 10-09-03





**LEGEND:**

- EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

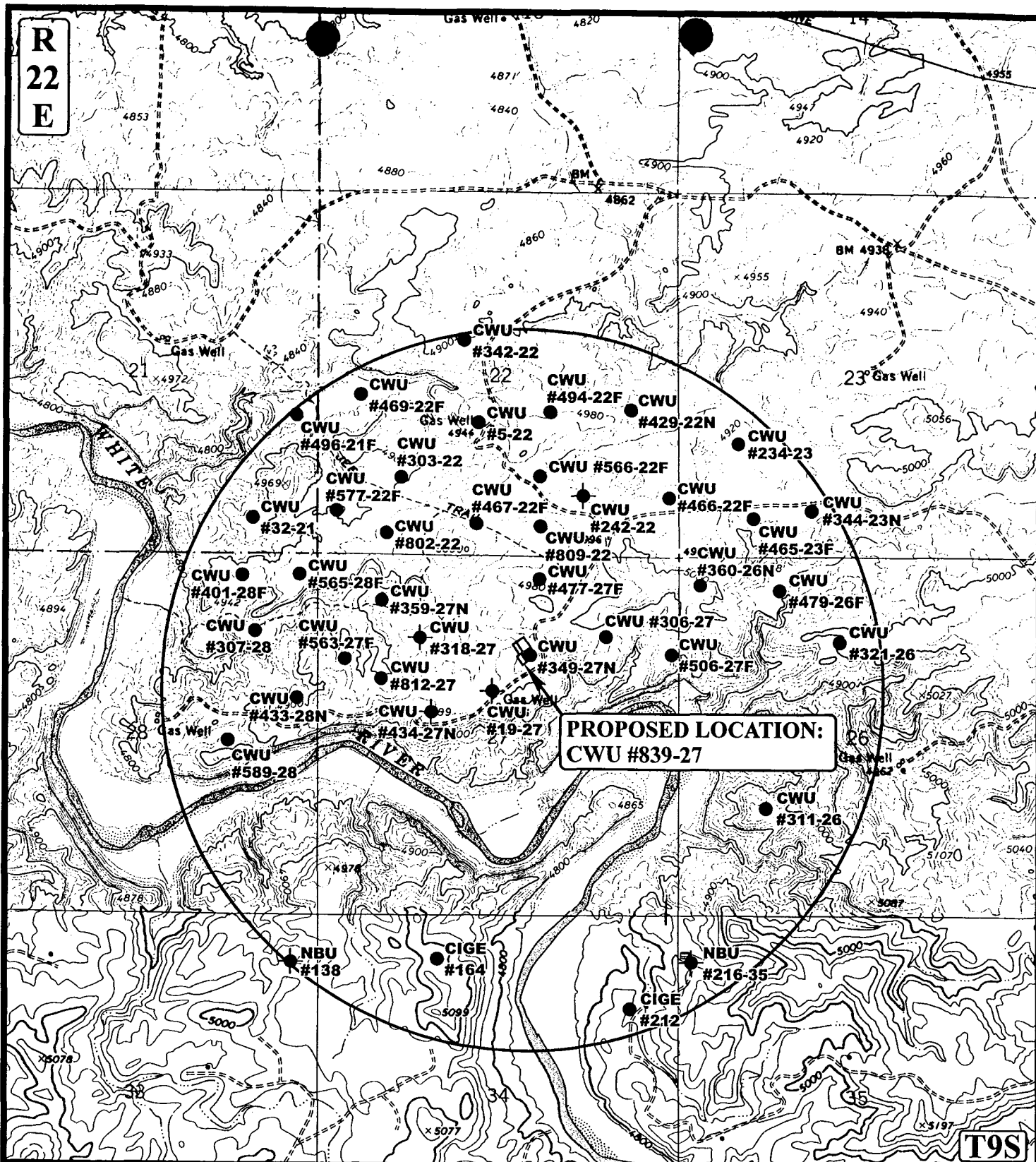


**EOG RESOURCES, INC.**

CWU #839-27  
SECTION 27, T9S, R22E, S.L.B.&M.  
1403' FNL 2279' FEL

TOPOGRAPHIC	06	04	03
MAP	MONTH	DAY	YEAR
SCALE: 1" = 2000'	DRAWN BY: P.M.		REVISED: 10-09-03

**B**  
TOPO



# **LEGEND:**

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC**  
**MAP**

06 04 03  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 10-09-03



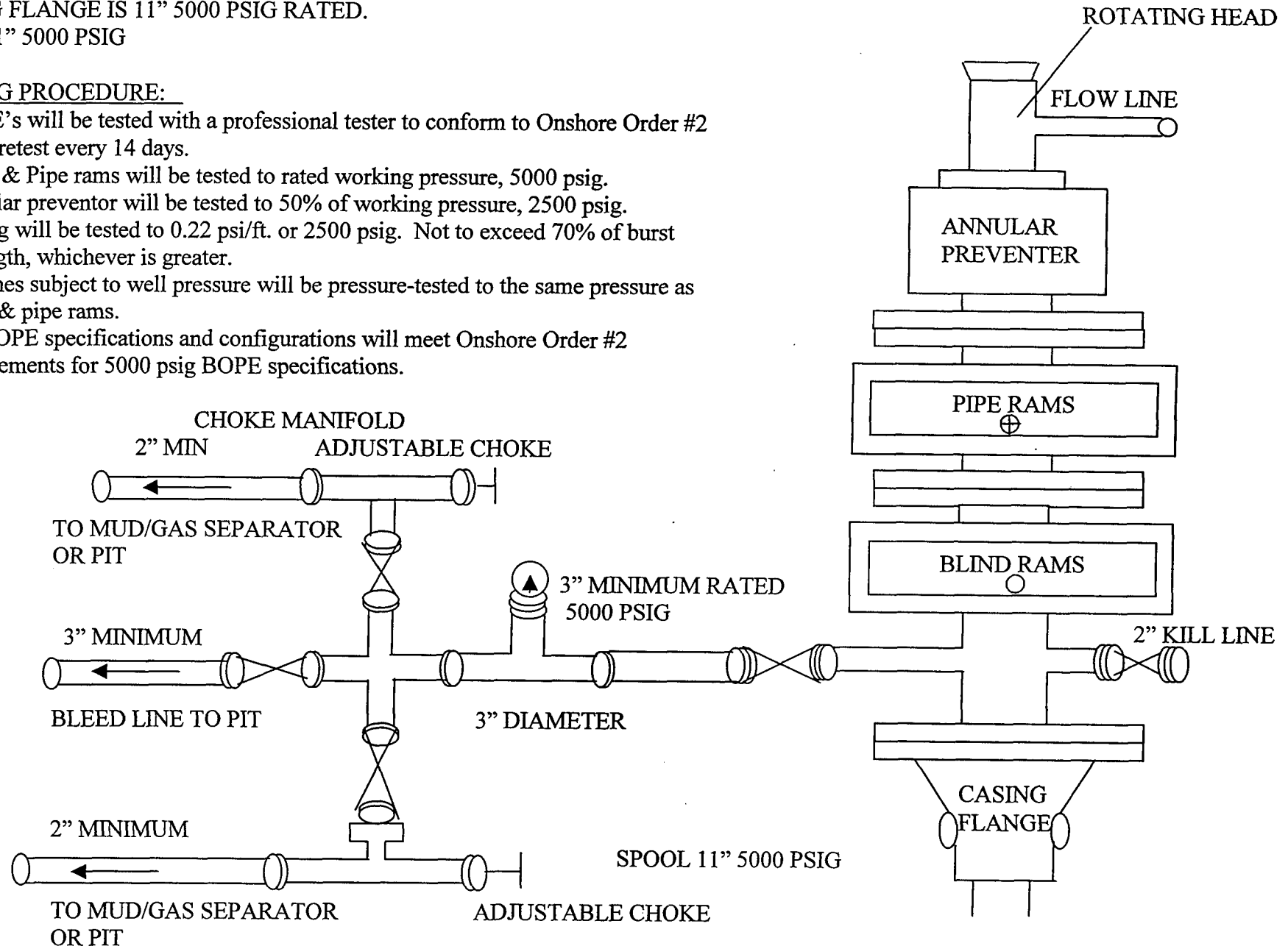


## 5000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 5000 PSIG RATED.  
CASING FLANGE IS 11" 5000 PSIG RATED.  
BOPE 11" 5000 PSIG

### TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 5000 psig.
3. Annular preventor will be tested to 50% of working pressure, 2500 psig.
4. Casing will be tested to 0.22 psi/ft. or 2500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 5000 psig BOPE specifications.



## WORKSHEET

## APPLICATION FOR PERMIT TO DRILL

004

APD RECEIVED: 01/15/2004

API NO. ASSIGNED: 43-047-35441

WELL NAME: CWU 839-27

OPERATOR: EOG RESOURCES INC ( N9550 )

CONTACT: ED TROTTER

PHONE NUMBER: 435-789-4120

## PROPOSED LOCATION:

SWNE 27 090S 220E

SURFACE: 1403 FNL 2279 FEL

BOTTOM: 1403 FNL 2279 FEL

UINTAH

NATURAL BUTTES ( 630 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-02585A

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: BLKHK

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.01052

LONGITUDE: 109.42424

## RECEIVED AND/OR REVIEWED:

- ☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
 (No. NM 2308 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
 (No. 49-1501 )  
☒ RDCC Review (Y/N)  
 (Date: )  
☒ Fee Surf Agreement (Y/N)

## LOCATION AND SITING:

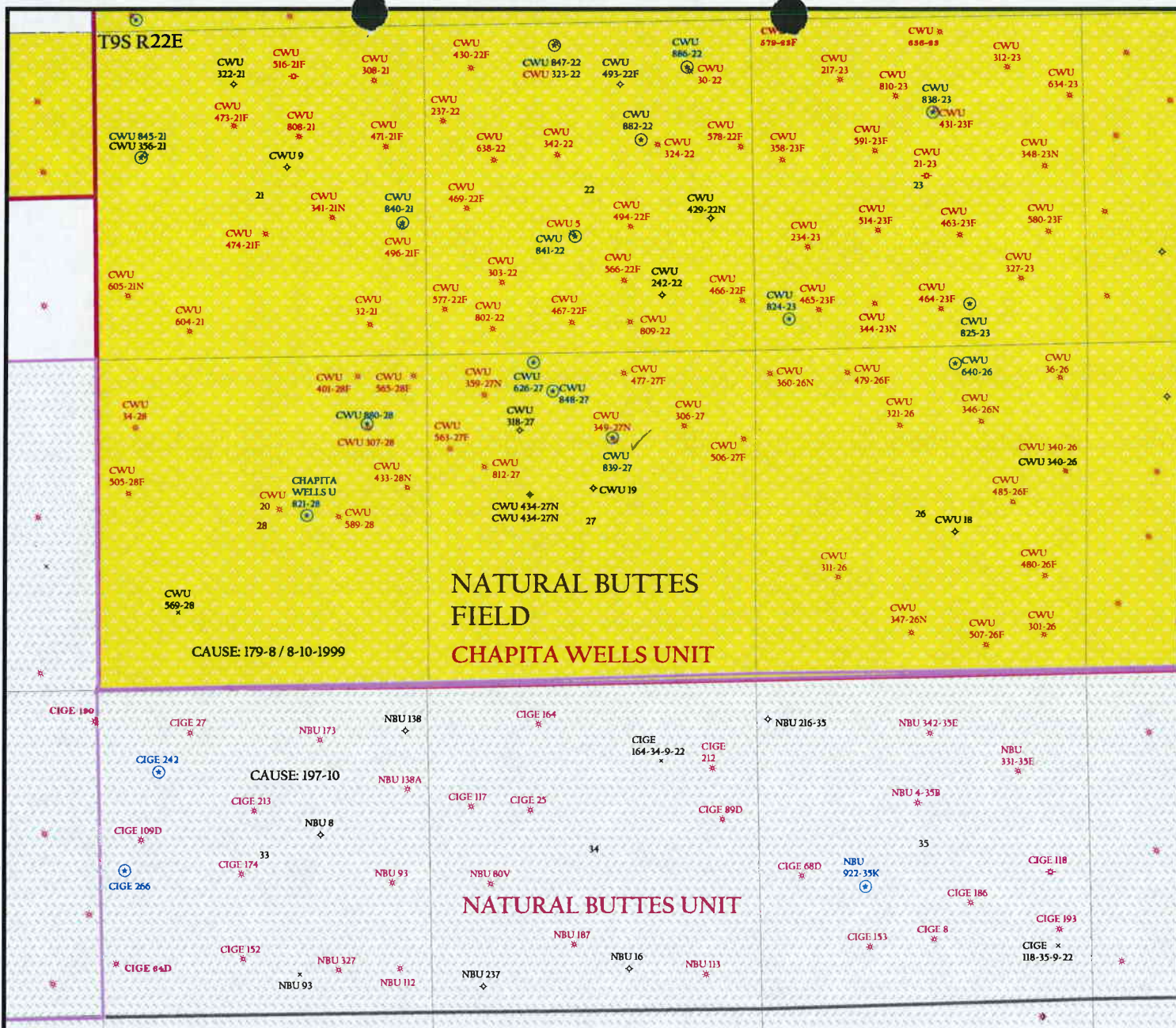
- R649-2-3.  
 Unit CHAPITA WELLS  
 R649-3-2. General  
 Siting: 460 From Qtr/Qtr & 920' Between Wells  
 R649-3-3. Exception  
☒ Drilling Unit  
 Board Cause No: 174-8  
 Eff Date: 8-10-1999  
 Siting: Suspends General Siting  
 R649-3-11. Directional Drill

## COMMENTS:

## STIPULATIONS:

1- Federal Approval  
 2- OIL SHALE





OPERATOR: EOG RESOURCES INC (N9550)

SEC. 27 T.9S, R.22E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 179-8 / 8-10-1999

#### Wells

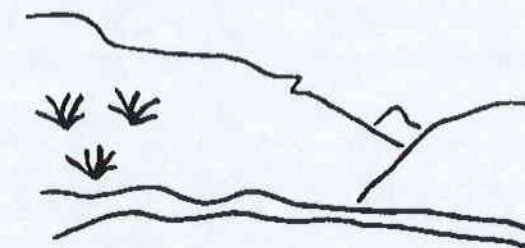
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

#### Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 20-JANUARY-2004

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

January 21, 2004

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2004 Plan of Development Chapita Wells Unit  
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2004 within the Chapita Wells Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Mesaverde)

43-047-35441 CWU 839-27 Sec 27 T09S R22E 1403 FNL 2279 FEL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit  
Division of Oil Gas and Mining  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:1-21-04



State of Utah

Department of  
Natural Resources

Division of  
Oil, Gas & Mining

ROBERT L. MORGAN  
*Executive Director*

LOWELL P. BRAXTON  
*Division Director*

MICHAEL O. LEAVITT  
*Governor*

OLENE S. WALKER  
*Lieutenant Governor*

January 22, 2004

EOG Resources, Inc.  
P O Box 1910  
Vernal, UT 84078

Re: Chapita Wells Unit 839-27 Well, 1403' FNL, 2279' FEL, SW NE, Sec. 27,  
T. 9 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35441.

Sincerely,

A handwritten signature in black ink, appearing to read "John R. Baza".

John R. Baza  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: EOG Resources, Inc.  
Well Name & Number Chapita Wells Unit 839-27  
API Number: 43-047-35441  
Lease: U-0285A

Location: SW NE                      Sec. 27              T. 9 South              R. 22 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

006

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. TYPE OF WORK ☒ DRILL ☐ REENTER

b. TYPE OF WELL ☐ Oil Well ☒ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator

EOG RESOURCES, INC.

3a. Address

P.O. BOX 1910, VERNAL, UT 84078

3b. Telephone Number: (435)789-4120

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface

1403' FNL & 2279' FEL

SW/NE

At proposed prod. Zone

14. Distance in miles and direction from nearest town or post office\*

18.77 MILES SOUTHEAST OF OURAY, UTAH

15. Distance from proposed location to nearest property or lease line, ft.

1403'

(Also to nearest drig. Unit line, if any)

16. No. of acres in lease

1800

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

See Map C

19. Proposed depth

10,225'

20. BLM/BIA Bond No. on file

#NM 2308

21. Elevations (show whether DF, KDB, RT, GL, etc.)

4970.9 FEET GRADED GROUND

22. Approx. date work will start\*

UPON APPROVAL

23. Estimated duration

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan

3. A Surface Use Plan (if the location is on National Forest System lands, the SUPO shall be filed with the appropriate Forest Service Office.

4. Bond to cover the operations unless covered by an existing bond on file (see item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the Authorized officer.

25. Signature

*Ed Trotter*

Name (Printed/ Typed)

Ed Trotter

Date

January 9, 2004

Title

Agent

Approved by (Signature)

*Edwin I Fersman*

Name (Printed/ Typed)

EDWIN I FERSMAN

Date

2/18/04

Title

Assistant Field Manager  
Mineral Resources

Office

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

4006M

RECEIVED

FEB 23 2004

DIV. OF OIL, GAS & MINING



CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: EOG Resources, Inc.  
Well Name & Number: CWU 839-27  
Lease Number: U-0285A  
API Number: 43-047-35441  
Location: SWNE Sec. 27 T.9S R. 22E  
Agreement: Chapita Wells Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**CONDITIONS OF APPROVAL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to John Mayers of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **5M** system (production hole) and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

### 3. Casing Program and Auxiliary Equipment

As a minimum requirement, the cement behind the production casing must extend at least 200' above the top of the Wasatch formation which has been identified at  $\pm 4750'$ .

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only.

All casing strings below the conductor shall be pressure tested to 0.22 psi/ft of casing string length or 1500 psi, whichever is greater but not to exceed 70% of the minimum internal yield.

If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

### 4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

### 5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the

drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

**Please submit to this office, in LAS format, an electronic copy of all logs run on this well. This submission will replace the requirement for submittal of paper logs to the BLM.**

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Written notification of such must be submitted to this office not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.



A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergencies, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman                   (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood           (435) 828-7875  
Petroleum Engineer

BLM FAX Machine   (435) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

**CONDITIONS OF APPROVAL**

**FOR THE SURFACE USE PROGRAM OF THE**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: EOG Resources Inc..

API Number 43-047-35441

Well Name & Number: CWU 839-27

Lease number: U-0285A

Location: SW NE Sec, 27, T.9S. R. 22E.

Surface Ownership: BLM

Date NOS Received: 6/26/03

Date APD Received: 1/12/04

Conditions for Approval are in the APD

Golden Eagle Stipulation-No drilling or construction from 2/1-7/15

**DIVISION OF OIL, GAS AND MINING****SPUDDING INFORMATION**Name of Company: EOG RESOURCES INCWell Name: CWU 839-27Api No: 43-047-35441 Lease Type: FEDERALSection 27 Township 09S Range 22E County UINTAHDrilling Contractor PETE MARTIN RIG # BUCKET**SPUDDED:**Date 07/01//04Time 12:00 NOONHow DRY**Drilling will commence:** \_\_\_\_\_Reported by ED TROTTERTelephone # 1-435-789-4120Date 07/02/2004 Signed CHD

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

011

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-0285-A
2. NAME OF OPERATOR: EOG RESOURCES, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. BOX 1910 CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: CHAPITA WELLS UNIT
PHONE NUMBER: (435) 789-4120		8. WELL NAME and NUMBER: CHAPITA WELLS UNIT 839-27
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1403' FNL, 2279' FEL		9. API NUMBER: 4304735441
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 27 9S 22E S		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
COUNTY: UTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

See attachments for revised drilling program.

NAME (PLEASE PRINT) Ed Trotter TITLE Agent  
SIGNATURE [Signature] DATE 7/1/2004

(This space for State use only)

RECEIVED  
JUL 06 2004  
DIV. OF OIL, GAS & MINING

## EIGHT POINT PLAN

### CHAPITA WELLS UNIT 839-27 SW/NE, SEC. 27, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### **1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:**

<b>FORMATION</b>	<b>DEPTH (KB)</b>
Green River	1,611'
Wasatch	4,617'
Island	7,142'
KMV Price River	7,297'
KMV Price River Middle	7,972'
KMV Price River Lower	8,771'
Bit Trip Sego	9,142'
Sego	9,202'
KMV Castlegate	9,372'
KMV Castlegate SS	9,612'
Bit Trip Black Hawk Shale	9,622'
KMV Black Hawk	9,832'

EST. TD: 10,225

Anticipated BHP 4400 PSI

3. **PRESSURE CONTROL EQUIPMENT:** A 5M BOP will be used on the Production Hole only. (See attached BOP Diagram), Pressure Control Equipment will not be used on the Surface Hole.

#### **4. CASING PROGRAM:**

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>MINIMUM SAFETY FACTOR</u>		
							<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
20"	0' - 45'+/- GL	45'+/-	13 3/8"	48.0 #	H-40	ST&C	770 PSI	1730 PSI	322,000#
12 1/4"	45' - 2300'+/- KB	2300' +/-	9 5/8"	36.0 #	J-55	ST&C	2020 PSI	3520 PSI	394,000#
7 7/8"	2300' - TD+/-KB	10,775'+/-	4 1/2"	11.6 #	N-80	LT&C	6350 PSI	7780 PSI	223,000#

All casing will be new or inspected.

#### **5. Float Equipment:**

##### **CONDUCTOR HOLE PROCEDURE (0-45' Below GL):**

None

##### **SURFACE HOLE PROCEDURE (45'-2300'):**

Guide Shoe

Insert Float Collar (PDC drillable)

Cents.: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

## EIGHT POINT PLAN

### CHAPITA WELLS UNIT 839-27 SW/NE, SEC. 27, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### Float Equipment (Continued):

##### PRODUCTION HOLE PROCEDURE 2300'-TD:

FS, 1 joint of casing, FC, and balance of casing to surface. Run 11.6#, N-80 burst rating or equivalent marker collars or short casing joints at  $\pm$  **8,010' (Top of Price River)** and  $\pm$  **4,600' (400' above the Wasatch)** (alter depth if needed to avoid placing across any potentially- productive intervals). Centralize 5' above shoe on joint #1, top of joint #2, then every 2nd joint to **400' above Island top** (50 total). Thread lock FS, top and bottom of FC, and top of 2<sup>nd</sup> joint.

#### 6. MUD PROGRAM

##### CONDUCTOR HOLE PROCEDURE (0-45' Below GL):

Dry or light mud as needed to support drilling by Bucket Rig.

##### SURFACE HOLE PROCEDURE (45'-2300'):

Air, Air Mist and Water (circulate through reserve pit) with Gel/LCM sweeps.

##### PRODUCTION HOLE PROCEDURE 2300'-TD:

2300' - 4500' Water (circulate through reserve pit) with Gel/LCM sweeps.

4500' - 6900' Close in mud system. "Mud up" with **6.0 ppb** Diammonium Phosphate (DAP). Drill with DAP water, POLYPLUS for viscosity and hole cleaning, adding KLA-GARD B for supplemental inhibition. Also sweep hole periodically w/ Durogel / LCM sweeps to clean the hole and seal loss zones. Add additional LCM as hole dictates. Mud weight and vis as needed, water loss – no control.

6900' - TD Discontinue KLA-GARD B. Utilize POLYPAC-R for fluid loss control. Maintain **5.5 ppb** DAP. **Do not mix caustic or lime.** Maintain 7.5-8.5 pH. Weight up system and add vis as hole conditions require. Run LCM sweep periodically to seal off loss zones or more often as hole dictates. Water loss: 20 cc's maximum. Expect increasing gas shows requiring heavier mud weights from top of Island onward. Treat CO<sub>2</sub> contamination with DESCO CF and OSIL (Oxygen scavenger) if mud properties dictate.

#### 7. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.



## **EIGHT POINT PLAN**

### **CHAPITA WELLS UNIT 839-27** **SW/NE, SEC. 27, T9S, R22E, S.L.B.&M.** **UINTAH COUNTY, UTAH**

#### **8. EVALUATION PROGRAM:**

Logs: Schlumberger Platform Express TD – Surface Casing, with Di-pole Sonic from TD to surface in 1 run.

#### **9. CEMENT PROGRAM:**

##### **CONDUCTOR HOLE PROCEDURE (0-45' Below GL):**

Ready-Mix concrete

##### **SURFACE HOLE PROCEDURE (45'-2300'+/-):**

###### **Option #1: Well circulates or drills with air.**

**Tail: 500' of Class 'G' mixed at 15.8 ppg w/ 2% CaCl<sub>2</sub> & 0.25 pps Flocele + 35% Excess or Type 5 Cement mixed at 15.6 ppg w/ 2% CaCl<sub>2</sub> & 0.25 pps Flocele + 35% Excess.**

**Lead: Hi-Fill Cement mixed at 11 ppg with 16% Gel, 10#/sx Gilsonite, 3% salt, 3#/sx GR-3 and 0.25 #/sx Flocele plus 35% Excess to get cement returns to surface.**

###### **Option #2: Well does not circulate.**

Class 'G' cement mixed at 15.8 ppg w/ 2% CaCl<sub>2</sub> & 0.25 pps Flocele + 35% Excess or Type % 5 Cement mixed at 15.6 ppg w/ 2% CaCl<sub>2</sub> & 0.25 pps Flocele + 35% Excess to 100' above the lost circulation zone and top out with same with 3-4% CaCl<sub>2</sub> to get cement returns to surface.

##### **PRODUCTION HOLE PROCEDURE 2300'-TD:**

**Lead: 110 sks 35:65 Poz G w/ 4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.15% D13 (Retarder), 0.25 pps D29 (cello flakes), mixed at 13.0 ppg, 1.73 cu. ft./sk., 9.06 gps water**

**Tail: 190 sks: 50:50 Poz G w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.15% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 cu. ft./sk., 5.9 gps water.**

#### **10. ABNORMAL CONDITIONS:**

##### **SURFACE HOLE (45'-2300')**

**Potential Problems:** Lost circulation below 1800' and minor amounts of gas may be present.

##### **PRODUCTION HOLE 2300'-TD**

**Potential Problems:** Sloughing shales and key seat development are possible in the Wasatch Formation. CO<sub>2</sub> contamination in the mud is possible in the Price River (Mesa Verde).

**EIGHT POINT PLAN**

**CHAPITA WELLS UNIT 839-27**  
**SW/NE, SEC. 27, T9S, R22E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

**11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**12. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

## 5000 PSIG DIAGRAM

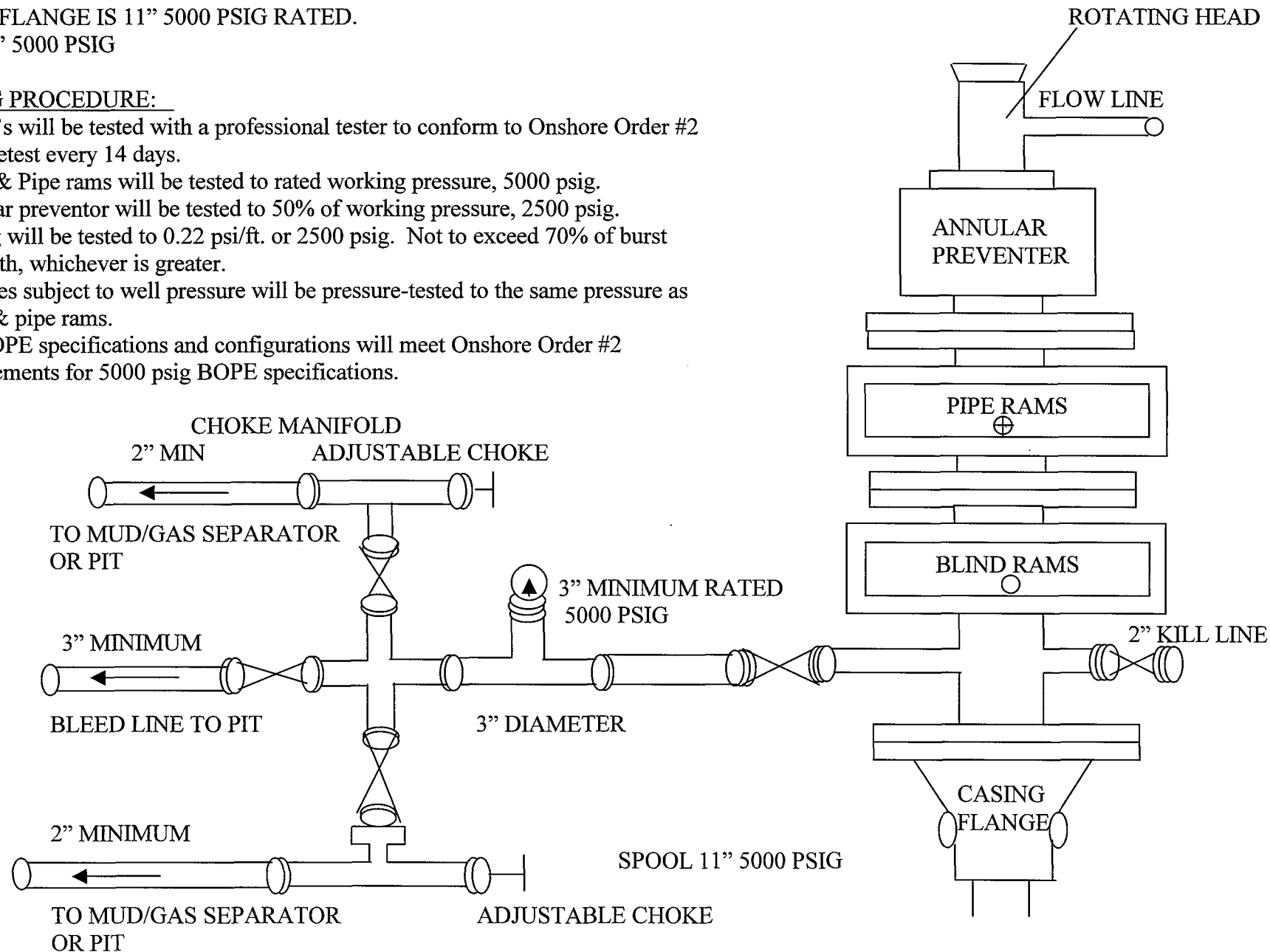
ANNULAR PREVENTOR AND BOTH RAMS ARE 5000 PSIG RATED.

CASING FLANGE IS 11" 5000 PSIG RATED.

BOPE 11" 5000 PSIG

### TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 5000 psig.
3. Annular preventor will be tested to 50% of working pressure, 2500 psig.
4. Casing will be tested to 0.22 psi/ft. or 2500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 5000 psig BOPE specifications.



008

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

OPERATOR: EOG Resources, Inc.  
ADDRESS: P.O. BOX 250  
BIG PINEY, WYOMING 83113

OPERATOR ACCT. NO. 9550  
FAX: EARLENE RUSSELL  
(801) 359-3940

ENTITY ACTION FORM - FORM 6

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SEC.	TP	RG			
B	99999	13650	43-047-35441	CHAPITA WELLS UNIT 839-27	SWNE	27	9S	22E	UINTAH	7/1/2004	7/8/04
BLKHK											
A	99999	14216	43-047-35488	NORTH CHAPITA 256-28	SESW	28	8S	22E	UINTAH	7/7/2004	7/8/04
GRU											
A	99999	14217	43-047-35521	NORTH CHAPITA 253-33	NENE	33	8S	22E	UINTAH	7/7/2004	7/8/04
WSTC											

ACTIONS CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Alynda Schulz  
Signature  
Sr. Regulatory Assistant  
Title

7/7/2004

Phone No. (307) 276-4833

RECEIVED

JUL 08 2004

DIV. OF OIL, GAS & MINING

T-452 P.01/01 F-111

3072763335

From-EOG - Big Piney, WY.  
Jul-08-04 11:03am

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

009

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-0285-A
2. Name of Operator EOG RESOURCES, INC		6. If Indian, Allottee or Tribe Name
3a. Address P. O. BOX 250 BIG PINEY, WY 83113		7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS
3b. Phone No. (include area code) Ph: 307.276.4833		8. Well Name and No. CHAPITA WELLS UNIT 839-27
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 27 T9S R22E SWNE 1392 2286 40.01043 N Lat, 109.42415 W Lon		9. API Well No. 43-047-35441
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Well Spud
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. spud a 20" surface hole at the referenced location 7/01/2004 at 12:00 p.m. The contractor was Bill Jr s Air Rig. Ed Trotter, representative for EOG, notified Ed Forsman of the Vernal BLM office and Carol Daniels of the Utah Division of Oil Gas and Mining of the spud 7/01/2004.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #32757 verified by the BLM Well Information System For EOG RESOURCES, INC, sent to the Vernal</b>	
Name (Printed/Typed) ALFREDA SCHULZ	Title SR. REGULATORY ASSISTANT
Signature (Electronic Submission)	Date 07/08/2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**RECEIVED**  
**JUL 12 2004**  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-0285-A
2. Name of Operator EOG RESOURCES, INC		6. If Indian, Allottee or Tribe Name
3a. Address P. O. BOX 250 BIG PINEY, WY 83113		7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS
3b. Phone No. (include area code) Ph: 307.276.4833		8. Well Name and No. CHAPITA WELLS UNIT 839-27
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 27 T9S R22E SWNE 1403FNL 2279FEL 40.01043 N Lat, 109.42415 W Lon		9. API Well No. 43-047-35441
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

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TYPE OF SUBMISSION	TYPE OF ACTION			
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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

1. Natural Buttes Unit 21-20B SWD.
2. Ace Disposal.
3. EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit, Stagecoach Unit).
4. RN Industries.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct. Electronic Submission #32758 verified by the BLM Well Information System For EOG RESOURCES, INC, sent to the Vernal	
Name (Printed/Typed) ALFREDA SCHULZ	Title SR. REGULATORY ASSISTANT
Signature (Electronic Submission)	Date 07/08/2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED**

**RECEIVED**  
**JUL 12 2004**  
**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

013

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

5. Lease Serial No.  
U-0285-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
CHAPITA WELLS

8. Well Name and No.  
CHAPITA WELLS UNIT 839-27

9. API Well No.  
43-047-35441

10. Field and Pool, or Exploratory  
NATURAL BUTTES

11. County or Parish, and State  
UINTAH COUNTY, UT

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
EOG RESOURCES, INC

Contact: ALFREDA SCHULZ  
E-Mail: alfreda\_schulz@eogresources.com

3a. Address  
P. O. BOX 250  
BIG PINEY, WY 83113

3b. Phone No. (include area code)  
Ph: 307.276.4833

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 27 T9S R22E SWNE 1382FNL 2286FEL  
40.01058 N Lat, 109.42427 W Lon

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Revised footages of the referenced location (EC transmission # 32758) from: 1403' FNL - 2279' FEL to 1382' FNL - 2286' FEL.  
EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

1. Natural Buttes Unit 21-20B SWD.

2. Ace Disposal.

3. EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit, Stagehead Unit).

4. RN Industries.

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JUL 30 2004

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #33644 verified by the BLM Well Information System  
For EOG RESOURCES, INC, sent to the Vernal

Name (Printed/Typed) ALFREDA SCHULZ

Title SR. REGULATORY ASSISTANT

Signature (Electronic Submission)

Date 07/28/2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

010

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

U 0285A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

CHAPITA WELLS UNIT

8. WELL NAME and NUMBER:

CHAPITA WELLS UNIT 839-27

9. API NUMBER:

4304735441

10. FIELD AND POOL, OR WILDCAT:

NATURAL BUTTES

1. TYPE OF WELL

OIL WELL ☐GAS WELL ☒

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

EOG RESOURCES, INC

3. ADDRESS OF OPERATOR:

P.O. BOX 250

CITY BIG PINEY

STATE WY

ZIP 83113

PHONE NUMBER:

(307) 276-3331

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1382' FNL - 2286' FEL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 27 9S 22E S

STATE:

UTAH

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion:  _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: DRILLING
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	OPERATIONS

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see the attached well chronology report for drilling operations from 7/22/2004 - 7/30/2004.

RECEIVED

AUG 04 2004

DIV. OF OIL, GAS &amp; MINING

NAME (PLEASE PRINT) Alfreda Schulz

TITLE Sr. Regulatory Assistant

SIGNATURE

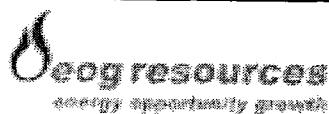
Alfreda Schulz

DATE

7/30/2004

(This space for State use only)





## WELL CHRONOLOGY REPORT

Report Generated On: 07-30-2004

Well Name	CWU 839-27	Well Type	DEVG	Division	DENVER
Field	CHAPITA WELLS DEEP	API #	43-047-35441	Well Class	DRIL
County, State	UINTAH, UT	Spud Date	07-27-2004	Class Date	
Tax Credit	N	TVD / MD	10,225/ 10,225	Property #	053602
Water Depth	0	Last CSG	9.625	Shoe TVD / MD	2,430/ 2,430
KB / GL Elev	4,985/ 4,971				
Location	Section 27, T9S, R22E, SWNE, 1382 FNL & 2286 FEL				

Event No	1.0	Description	DRILL & COMPLETE		
Operator	EOG RESOURCES, INC	WI %	50.0	NRI %	43.5

AFE No	302520	AFE Total	1,461,200	DHC / CWC	846,900/ 614,300
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Rig Contr	TRUE	Rig Name	TRUE #9	Start Date	01-20-2004	Release Date	
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01-20-2004      Reported By

DailyCosts: Drilling		Completion		Daily Total	
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Cum Costs: Drilling		Completion		Well Total	
---------------------	--	------------	--	------------	--

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: LOCATION DATA

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA (moved location) to 1382' FNL & 2286' FEL (SW/NE) SECTION 27, T9S, R22E UINTAH COUNTY, UTAH

TRUE #9  
10,225' KMV BLACK HAWK  
DW/GAS  
CHAPITA WELLS DEEP PROSPECT

LEASE: U-0285A

ELEVATION: 4971' NAT GL, 4971' PREP GL, 4985' KB (14')

EOG WI 50%, NRI 43.50%

07-22-2004      Reported By      ED TROTTER

DailyCosts: Drilling		Completion		Daily Total	
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Cum Costs: Drilling		Completion		Well Total	
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MD	2,430	TVD	2,430	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: WORT

Start	End	Hrs	Activity Description
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06:00	06:00	24.0	MIRU BILL JR'S BUCKET RIG. SPUDDED 20" HOLE @ 12:00 PM, 7/1/04.
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DRILLED 20" HOLE TO 45'. RAN 45' OF 13 3/8", 54#, H-40 CONDUCTOR PIPE AND CEMENTED TO SURFACE. DRILLED AND LINED RAT AND MOUSE HOLES. RD BUCKET RIG.

MIRU BILL JR'S AIR RIG. DRILLED 12 1/4" HOLE TO 2,430'. RU WIRELINE UNIT AND RAN DIRECTIONAL SURVEY, SURVEY 3.2 DEGREE @ 2460'. RAN 54 JTS (2699.60') OF 9-5/8", 36.0#/FT, J-55, ST&C CASING & LANDED @ 2416.60' KB. RU BIG 4 CEMENTERS. PRESSURE TESTED LINES AND CEMENT VALVE TO 1500 PSIG. PUMPED 155 BBLS WATER AHEAD. MIXED & PUMPED 40 BBLS GELLED WATER AHEAD OF CEMENT.

LEAD CEMENT: MIXED & PUMPED 220 SX (149.6 BBLS) CEMENT W/16% GEL & 10#/SX GILSONITE, 3% SALT, 2% CACL2 & 1/4 #/SX FLOCELE. MIXED CEMENT @ 11.0 PPG W/YIELD OF 3.82 CF/SX.

TAIL CEMENT: MIXED & PUMPED 200 SX (42 BBLS) CEMENT W/2% CACL2 & 1/4 #/SX FLOCELE. MIXED CEMENT @ 15.6 PPG W/YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/180 BBLS WATER, BUMPED PLUG W/1,000#, CHECKED FLOAT, FLOAT DID NOT HOLD. SHUT-IN CASING VALVE. HAD CEMENT RETURNS TO SURFACE BUT FELL BACK. RAN 1" PIPE DOWN ANNULUS.

TOP OUT #1: MIXED & PUMPED 170 SX PREMIUM CEMENT W/4% CACL2 & 1/4#/SX FLOCELE. MIXED CEMENT @ 16.0 PPG W/YIELD OF 1.18 CF/SX. HAD 4 BBLS CEMENT RETURNS TO SURFACE, CEMENT STAYED AT SURFACE.

RD BIG 4 CEMENTERS. PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

NOTIFIED ED FORSMAN W/BLM & CAROL DANIELS W/UOGM OF SPUDDING WELL.

CENTRALIZERS: ON 1ST, 2ND & 3RD COLLARS AND EVERY 5TH COLLAR.

07-27-2004      Reported By      BRUCE TAYLOR

DailyCosts: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD	2,430	TVD	2,430	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :      PBT D : 0.0

Perf :

PKR Depth : 0.0

Activity at Report Time: DRILLING FLOAT EQUIPMENT

Start	End	Hrs	Activity Description
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06:00	11:00	5.0	MIRU TRUE #9.
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11:00	16:00	5.0	RIG UP QUICK TEST. TESTED BLIND RAMS, PIPE RAMS, CHOKE, CHOKE MANIFOLD AND ALL RELATED VALVES TO 250 AND 5000 PSI FOR 10 MIN TEST. TESTED HYDRIL TO 250 AND 2500 PSI FOR 10 MIN. TESTED KELLY 250 AND 5000 PSI FOR 10 MIN.
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16:00	16:30	0.5	TESTED CASNG TO 1500 PSI FOR 30 MINUTES.
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16:30	23:30	7.0	RIG REPAIRED. REPAIRED PUMP AND FLUID COUPLING IN #2 DRAW WORKS MOTOR.
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23:30	04:30	5.0	MAKE UP 7 7/8 DP506Z PDC JETTED. 660 TFA WITH 7 13/16" TRI-COLLAR, IB STAB, I-DC, IB STAB, AND REST OF BHA. PICK UP DRILL PIPE OFF RACKS TO TOP OF CEMENT.
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04:30	06:00	1.5	DRILL CEMENT AND FLOAT EQUIPMENT TO 2375' AT REPORT TIME.
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FUEL AT START OF JOB 2100 GAL

RIG ON DAYWORK @ 23:30, 7/26/2004

NOTIFIED BLM (ED FORSMAN) IN VERNAL OF BOP TEST @ 01:00 PM, 7/24/2004

SAFETY MEETING: TESTING BOP'S/PU DP/SNUB LINES &amp; WHIP CHECKS

TEMP 56 DEG

07-28-2004 Reported By BRUCE TAYLOR

DailyCosts: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD	4,115	TVD	4,115	Progress	1,685	Days	1	MW	8.4	Visc	28.0
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Formation :

PBSD : 0.0

Perf :

PKR Depth : 0.0

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	07:00	1.0	DRILL CEMENT & FLOAT EQUIPMENT & 10' NEW HOLE TO 2440'.
07:00	07:30	0.5	PERFORMED FIT (JUG) TEST. PRESSURED UP TO 600 PSI, BLED TO 400 PSI WITH 8.4 PPG WATER IN HOLE, EQUIVALENT TO 11.5 PPG MUD. RAN SURVEY @ 2420', 1 1/4 DEG.
07:30	11:00	3.5	DRILL ROTATE 2430' TO 2812' (382'), 109'/HR, 22/24K WOB, 58 RPM.
11:00	11:30	0.5	SERVICED RIG. FUNCTION TESTED HYDRIL, PIPE RAMS, ANNULAR & CHECKED CROWN-O-MATIC. BOP DRILL 1 MIN 45 SEC.
11:30	13:00	1.5	DRILL ROTATE 2812' TO 2969' (157') 104.6'/HR, 22/24K WOB, 60 RPM.
13:00	13:30	0.5	SURVEYED @ 2918', 2 1/2 DEG.
13:30	19:30	6.0	DRILL ROTATE 2969' TO 3467' (498') 83'/HR, 22/24K WOB, 60 RPM.
19:30	20:00	0.5	SURVEYED @ 3425', 2 1/4 DEG.
20:00	03:00	7.0	DRILL ROTATE 3467' TO 3965' (498') 71.1'/HR, 24/30K WOB, 60 RPM.
03:00	03:30	0.5	SURVEYED @ 3923', 2 1/2 DEG.
03:30	06:00	2.5	DRILL ROTATE 3965' TO 4115' (150') 60'/HR, 24/26K WOB, 60 RPM.

FORMATION: GREEN RIVER

SAFETY MEETING: HOUSEKEEPING/WIRE LINE SURVEYS

BOP DRILL DAYS, 1 MIN 35, EVE 1 MIN 48, NIGHTS 1 MIN 30 SEC

TEMP 56 DEG

06:00

18.0 SPUD 7 7/8" SURFACE HOLE @ 07:00 HRS, 7/27/04.

07-29-2004 Reported By DITTO/STONE

DailyCosts: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD	5,540	TVD	5,540	Progress	1,425	Days	2	MW	8.4	Visc	28.0
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Formation :

PBSD : 0.0

Perf :

PKR Depth : 0.0

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	09:30	3.5	DRILL FROM 4115' TO 4370'.
09:30	10:00	0.5	RIG SERVICED. FUNCTION TESTED PIPE RAMS, ANNULAR AND HCV. CHECKED/RESET CROWN-O-MATIC.
10:00	11:30	1.5	DRILL 4370' TO 4464'.
11:30	12:00	0.5	CIRC AND SURVEYED AT 4415', 2.5 DEGREES.
12:00	19:30	7.5	DRILL 4464' - 4963', ROP 66.5 FPH, WOB 30, RPM 60, PP 800, DP 175 PSI.
19:30	20:00	0.5	SURVEYED @ 4922', 2 1/2 DEG.
20:00	04:00	8.0	DRILL 4963' - 5462', ROP 62.4 FPH, WOB 30, RPM 60, PP 850 PSI, DP 150 PSI.

04:00 04:30 0.5 SURVEYED @ 5415', 2 DEG.  
 04:30 06:00 1.5 DRILL 5462' - 5540', ROP 78 FPH, WOB 30, RPM 60, PP 700 PSI, DP 150 PSI.

FORMATION: WASATCH, ML TOP 4567'

SAFETY MEETING: WORKING ON PUMPS/EOG SAFETY MANUAL

07-30-2004 Reported By T. STONE

Daily Costs: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD 6,615 TVD 6,615 Progress 1,075 Days 3 MW 8.8 Visc 37.0

Formation : PBT D : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	07:00	1.0	DRILL 5540' - 5554', ROP 15 FPH.
07:00	07:30	0.5	SERVICED RIG. FUNCTIONED PIPE RAMS, HCR, FLOOR AND KELLY VALVES. CHECKED CROWN-O-MATIC SAVER.
07:30	15:00	7.5	DRILL 5554' - 5931', ROP 50.3 FPH, WOB 20/27, ROT 60.
15:00	15:30	0.5	SURVEYED 5918', 2 1/4 DEG.
15:30	06:00	14.5	DRILL 5931' - 6615', ROP 47.2 FPH, WOB 27/30, PP 1200 PSI. STARTED SEEING FAIR AMOUNT OF DRAG ON CONN, 60K @ 6458', HAD SPLINTERED SHALE OVER SHAKER. RAISED MW TO 9.3 PPG.

BGG GAS 200 U, CONN 1300 U

FORMATION: NORTH HORN 6510' ML TOP

SAFETY MEETING: HOUSEKEEPING/FORKLIFT SAFETY/MUD MIXING PPE

014

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U 0285A
2. NAME OF OPERATOR: EOG RESOURCES, INC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. BOX 250 CITY BIG PINEY STATE WY ZIP 83113		7. UNIT or CA AGREEMENT NAME: CHAPITA WELLS UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1382' FNL - 2286' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 27 9S 22E S		8. WELL NAME and NUMBER: CHAPITA WELLS UNIT 839-27
PHONE NUMBER: (307) 276-3331		9. API NUMBER: 4304735441
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: DRILLING OPERATIONS
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

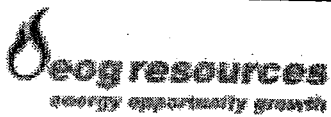
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see the attached well chronology report for drilling operations from 7/01/2004 - 9/01/2004.

NAME (PLEASE PRINT) <u>Alfreda Schulz</u>	TITLE <u>Sr. Regulatory Assistant</u>
SIGNATURE <u>Alfreda Schulz</u>	DATE <u>9/10/2004</u>

(This space for State use only)

RECEIVED  
SEP 13 2004  
DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

Report Generated On: 09-03-2004

Well Name	CWU 839-27	Well Type	DEVG	Division	DENVER
Field	CHAPITA WELLS DEEP	API #	43-047-35441	Well Class	COMP
County, State	UINTAH, UT	Spud Date	07-27-2004	Class Date	
Tax Credit	N	TVD / MD	10,225/ 10,225	Property #	053602
Water Depth	0	Last CSG	2.375	Shoe TVD / MD	0/ 0
KB / GL Elev	4,985/ 4,971				
Location	Section 27, T9S, R22E, SWNE, 1382 FNL & 2286 FEL				

Event No	1.0	Description	DRILL & COMPLETE		
Operator	EOG RESOURCES, INC	WI %	50.0	NRI %	43.5

AFE No			AFE Total			DHC / CWC					
Rig Contr	TRUE	Rig Name	TRUE #9	Start Date	01-20-2004	Release Date	08-06-2004				
01-20-2004	Reported By										
DailyCosts: Drilling	\$0		Completion	\$0		Daily Total	\$0				
Cum Costs: Drilling	\$0		Completion	\$0		Well Total	\$0				
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD : 0.0			Perf :	PKR Depth : 0.0						

Activity at Report Time: LOCATION DATA

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA (moved location) to 1382' FNL & 2286' FEL (SW/NE) SECTION 27, T9S, R22E UINTAH COUNTY, UTAH  TRUE #9 10,225' KMV BLACK HAWK DW/GAS CHAPITA WELLS DEEP PROSPECT  LEASE: U-0285A ELEVATION: 4971' NAT GL, 4971' PREP GL, 4985' KB (14')  EOG WI 50%, NRI 43.50%

07-22-2004		Reported By		ED TROTTER							
Daily Costs: Drilling				Completion				Daily Total			
Cum Costs: Drilling				Completion				Well Total			
MD	2,430	TVD	2,430	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD : 0.0				Perf :		PKR Depth : 0.0		
Activity at Report Time: WORT											

Start	End	Hrs	Activity Description
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06:00	06:00	24.0	MIRU BILL JR'S BUCKET RIG. SPUDDED 20" HOLE @ 12:00 PM, 7/1/04.
-------	-------	------	---

DRILLED 20" HOLE TO 45'. RAN 45' OF 13 3/8", 54#, H-40 CONDUCTOR PIPE AND CEMENTED TO SURFACE. DRILLED AND LINED RAT AND MOUSE HOLES. RD BUCKET RIG.

MIRU BILL JR'S AIR RIG. DRILLED 12 1/4" HOLE TO 2,430'. RU WIRELINE UNIT AND RAN DIRECTIONAL SURVEY, SURVEY 3.2 DEGREE @ 2460'. RAN 54 JTS (2699.60') OF 9-5/8", 36.0#/FT, J-55, ST&C CASING & LANDED @ 2416.60' KB. RU BIG 4 CEMENTERS. PRESSURE TESTED LINES AND CEMENT VALVE TO 1500 PSIG. PUMPED 155 BBLs WATER AHEAD. MIXED & PUMPED 40 BBLs GELLED WATER AHEAD OF CEMENT.

LEAD CEMENT: MIXED & PUMPED 220 SX (149.6 BBLs) CEMENT W/16% GEL & 10#/SX GILSONITE, 3% SALT, 2% CACL2 & 1/4 #/SX FLOCELE. MIXED CEMENT @ 11.0 PPG W/YIELD OF 3.82 CF/SX.

TAIL CEMENT: MIXED & PUMPED 200 SX (42 BBLs) CEMENT W/2% CACL2 & 1/4 #/SX FLOCELE. MIXED CEMENT @ 15.6 PPG W/YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/180 BBLs WATER, BUMPED PLUG W/1,000#, CHECKED FLOAT, FLOAT DID NOT HOLD. SHUT-IN CASING VALVE. HAD CEMENT RETURNS TO SURFACE BUT FELL BACK. RAN 1" PIPE DOWN ANNULUS.

TOP OUT #1: MIXED & PUMPED 170 SX PREMIUM CEMENT W/4% CACL2 & 1/4 #/SX FLOCELE. MIXED CEMENT @ 16.0 PPG W/YIELD OF 1.18 CF/SX. HAD 4 BBLs CEMENT RETURNS TO SURFACE, CEMENT STAYED AT SURFACE.

RD BIG 4 CEMENTERS. PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

NOTIFIED ED FORSMAN W/BLM & CAROL DANIELS W/UOGM OF SPUDDING WELL.

CENTRALIZERS: ON 1ST, 2ND & 3RD COLLARS AND EVERY 5TH COLLAR.

07-27-2004      Reported By      BRUCE TAYLOR

Daily Costs: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD	2,430	TVD	2,430	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :      PBT D : 0.0

Perf :

PKR Depth : 0.0

Activity at Report Time: DRILLING FLOAT EQUIPMENT

Start	End	Hrs	Activity Description
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06:00	11:00	5.0	MIRU TRUE #9.
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11:00	16:00	5.0	RIG UP QUICK TEST. TESTED BLIND RAMS, PIPE RAMS, CHOKE, CHOKE MANIFOLD AND ALL RELATED VALVES TO 250 AND 5000 PSI FOR 10 MIN TEST. TESTED HYDRIL TO 250 AND 2500 PSI FOR 10 MIN. TESTED KELLY 250 AND 5000 PSI FOR 10 MIN.
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16:00	16:30	0.5	TESTED CASNG TO 1500 PSI FOR 30 MINUTES.
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16:30	23:30	7.0	RIG REPAIRED. REPAIRED PUMP AND FLUID COUPLING IN #2 DRAW WORKS MOTOR.
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23:30	04:30	5.0	MAKE UP 7 7/8 DP506Z PDC JETTED. 660 TFA WITH 7 13/16" TRI-COLLAR, IB STAB, 1-DC, IB STAB, AND REST OF BHA. PICK UP DRILL PIPE OFF RACKS TO TOP OF CEMENT.
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04:30	06:00	1.5	DRILL CEMENT AND FLOAT EQUIPMENT TO 2375' AT REPORT TIME.
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FUEL AT START OF JOB 2100 GAL

RIG ON DAYWORK @ 23:30, 7/26/2004

NOTIFIED BLM (ED FORSMAN) IN VERNAL OF BOP TEST @ 01:00 PM, 7/24/2004  
SAFETY MEETING: TESTING BOP'S/PU DP/SNUB LINES & WHIP CHECKS  
TEMP 56 DEG

07-28-2004 Reported By BRUCE TAYLOR

Daily Costs: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD 4,115 TVD 4,115 Progress 1,685 Days 1 MW 8.4 Visc 28.0

Formation : PBT D : 0.0

Perf :

PKR Depth : 0.0

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	07:00	1.0	DRILL CEMENT & FLOAT EQUIPMENT & 10' NEW HOLE TO 2440'.
07:00	07:30	0.5	PERFORMED FIT (JUG) TEST. PRESSURED UP TO 600 PSI, BLED TO 400 PSI WITH 8.4 PPG WATER IN HOLE, EQUIVALENT TO 11.5 PPG MUD. RAN SURVEY @ 2420', 1 1/4 DEG.
07:30	11:00	3.5	DRILL ROTATE 2430' TO 2812' (382'), 109'/HR, 22/24K WOB, 58 RPM.
11:00	11:30	0.5	SERVICED RIG. FUNCTION TESTED HYDRIL, PIPE RAMS, ANNULAR & CHECKED CROWN-O-MATIC. BOP DRILL 1 MIN 45 SEC.
11:30	13:00	1.5	DRILL ROTATE 2812' TO 2969' (157') 104.6'/HR, 22/24K WOB, 60 RPM.
13:00	13:30	0.5	SURVEYED @ 2918', 2 1/2 DEG.
13:30	19:30	6.0	DRILL ROTATE 2969' TO 3467' (498') 83'/HR, 22/24K WOB, 60 RPM.
19:30	20:00	0.5	SURVEYED @ 3425', 2 1/4 DEG.
20:00	03:00	7.0	DRILL ROTATE 3467' TO 3965' (498') 71.1'/HR, 24/30K WOB, 60 RPM.
03:00	03:30	0.5	SURVEYED @ 3923', 2 1/2 DEG.
03:30	06:00	2.5	DRILL ROTATE 3965' TO 4115' (150') 60'/HR, 24/26K WOB, 60 RPM.

FORMATION: GREEN RIVER

SAFETY MEETING: HOUSEKEEPING/WIRE LINE SURVEYS

BOP DRILL DAYS, 1 MIN 35, EVE 1 MIN 48, NIGHTS 1 MIN 30 SEC

TEMP 56 DEG

06:00 18.0 SPUD 7 7/8" SURFACE HOLE @ 07:00 HRS, 7/27/04.

07-29-2004 Reported By DITTO/STONE

Daily Costs: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD 5,540 TVD 5,540 Progress 1,425 Days 2 MW 8.4 Visc 28.0

Formation : PBT D : 0.0

Perf :

PKR Depth : 0.0

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	09:30	3.5	DRILL FROM 4115' TO 4370'.
09:30	10:00	0.5	RIG SERVICED. FUNCTION TESTED PIPE RAMS, ANNULAR AND HCV. CHECKED/RESET CROWN-O-MATIC.
10:00	11:30	1.5	DRILL 4370' TO 4464'.
11:30	12:00	0.5	CIRC AND SURVEYED AT 4415', 2.5 DEGREES.
12:00	19:30	7.5	DRILL 4464' - 4963', ROP 66.5 FPH, WOB 30, RPM 60, PP 800, DP 175 PSI.
19:30	20:00	0.5	SURVEYED @ 4922', 2 1/2 DEG.
20:00	04:00	8.0	DRILL 4963' - 5462', ROP 62.4 FPH, WOB 30, RPM 60, PP 850 PSI, DP 150 PSI.



04:00 04:30 0.5 SURVEYED @ 5415', 2 DEG.  
 04:30 06:00 1.5 DRILL 5462' - 5540', ROP 78 FPH, WOB 30, RPM 60, PP 700 PSI, DP 150 PSI.

FORMATION: WASATCH, ML TOP 4567'

SAFETY MEETING: WORKING ON PUMPS/EOG SAFETY MANUAL

07-30-2004 Reported By T. STONE

Daily Costs: Drilling	Completion	Daily Total
Cum Costs: Drilling	Completion	Well Total
MD 6,615 TVD 6,615 Progress 1,075 Days 3 MW 8.8 Visc 37.0		
Formation :	PBTD : 0.0	Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	07:00	1.0	DRILL 5540' - 5554', ROP 15 FPH.
07:00	07:30	0.5	SERVICED RIG. FUNCTIONED PIPE RAMS, HCR, FLOOR AND KELLY VALVES. CHECKED CROWN-O-MATIC SAVER.
07:30	15:00	7.5	DRILL 5554' - 5931', ROP 50.3 FPH, WOB 20/27, ROT 60.
15:00	15:30	0.5	SURVEYED 5918', 2 1/4 DEG.
15:30	06:00	14.5	DRILL 5931' - 6615', ROP 47.2 FPH, WOB 27/30, PP 1200 PSI. STARTED SEEING FAIR AMOUNT OF DRAG ON CONN, 60K @ 6458', HAD SPLINTERED SHALE OVER SHAKER. RAISED MW TO 9.3 PPG.

BGG GAS 200 U, CONN 1300 U

FORMATION: NORTH HORN 6510' ML TOP

SAFETY MEETING: HOUSEKEEPING/FORKLIFT SAFETY/MUD MIXING PPE

07-31-2004 Reported By T. STONE

Daily Costs: Drilling	Completion	Daily Total
Cum Costs: Drilling	Completion	Well Total
MD 7,640 TVD 7,640 Progress 1,025 Days 4 MW 9.3 Visc 39.0		
Formation :	PBTD : 0.0	Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	10:30	4.5	DRILL 6615' - 6799', ROP 40.9 FPH, WOB 25/30, RPM 60, MW 9.4, VIS 38.
10:30	11:00	0.5	SERVICED RIG. FUNCTIONED PIPE RAMS, ANNULAR, HCR, FLOOR AND KELLY VALVES. CHECKED CROWN-O-MATIC.
11:00	16:00	5.0	DRILL 6799' - 6984', ROP 37 FPH, WOB 25/30, RPM 60, MW 9.4, VIS 38. HAD SEVERAL TIGHT CONNECTIONS. REAMED EACH CONN, PUMPED HI-VIS SWEEP.
16:00	16:30	0.5	SURVEYED @ 6942', 2 DEG.
16:30	06:00	13.5	DRILLED 6984' - 7640', ROP 48.6 FPH, WOB 25/30, RPM 60, MW 9.5, VIS 42. BGG 95U.

FORMATION: ISLAND - 7009', PRICE RIVER - 7271', ML TOPS

SAFETY MEETING: SPINNING CHAIN/TIGHT CONN/PUMP REPAIR

08-01-2004 Reported By T. STONE

Daily Costs: Drilling	Completion	Daily Total
Cum Costs: Drilling	Completion	Well Total

MD 8,665 TVD 8,665 Progress 1,025 Days 5 MW 9.8 Visc 40.0  
 Formation : PBTB : 0.0 Perf : PKR Depth : 0.0  
 Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	09:30	3.5	DRILL 7640' - 7815', ROP 50.0 FPH, WOB 25/30, RPM 60, MW 9.7, VIS 42, BGG 300U.
09:30	10:00	0.5	SERVICED RIG. FUNCTIONED PIPE RAMS, ANNULAR, HCR, FLOOR AND KELLY VALVES. CHECKED CROWN-O-MATIC.
10:00	12:00	2.0	DRILL 7815' - 7908', ROP 46.5 FPH, WOB 25/30, RPM 60, MW 9.8, VIS 42.
12:00	12:30	0.5	SURVEYED @ 7860', 2 1/2 DEG.
12:30	06:00	17.5	DRILL 7908' - 8665', ROP 43.3 FPH, WOB 20/30, RPM 60, MW 9.8, VIS 40, BGG 1700U. STARTED CIRC THRU GAS BUSTER AT 8125', 2'-3' FLARE.

FORMATION: MIDDLE PRICE RIVER 7953' ML

SAFETY MEETING: FORKLIFT OPERATIONS/CHANGING HOT OIL/ELECTRICAL REPAIRS

08-02-2004 Reported By T. STONE

Daily Costs: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD 9,250 TVD 9,250 Progress 585 Days 6 MW 10.2 Visc 40.0  
 Formation : PBTB : 0.0 Perf : PKR Depth : 0.0  
 Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	08:00	2.0	DRILL 8665' - 8714', ROP 24.5 FPH, WOB 20/27, RPM 50/80. BIT STARTED TO STICK SLIP. TRIED SEVERAL WOB/RPM TO STOP TORQUE SWINGS.
08:00	08:30	0.5	SERVICE RIG. FUNCTION PIPE RAMS, ANN, HCR, FLOOR AND KELLY VALVES. CHECK CROWN-O-MATIC.
08:30	06:00	21.5	DRILL 8714' - 9250'. ROP 24.9 FPH, WOB 20/30, RPM 55/70. CIRC GAS AT 8835'W/ 30' FLARE. RAISE MW 9.9 TO 10.2 PPG. RAISE MW AT 9200' 10.2-10.4 PPG. BGG 2100U.

FORMATION: LPR 8744', SEGO 9204', ML TOPS.

SAFETY MTG: TONG DIES, FORKLIFT, MUD CHECK.

08-03-2004 Reported By T. STONE

Daily Costs: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD 9,576 TVD 9,576 Progress 226 Days 7 MW 10.7 Visc 42.0  
 Formation : PBTB : 0.0 Perf : PKR Depth : 0.0  
 Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	11:00	5.0	DRILL 9250' - 9328', ROP 15.6 FPH, WOB 20/30, RPM 58, MW 10.5, VIS 42.
11:00	11:30	0.5	SERVICED RIG. FUNCTIONED PIPE RAMS, ANNULAR, HCR, FLOOR AND KELLY VALVES. CHECK CROWN-O-MATIC.
11:30	06:00	18.5	DRILL 9328' - 9576', ROP 13.4 FPH, WOB 30, RPM 58. RAISE MW 10.5 TO 10.7 AT 9400'. RAISED MW AT 9570' 10.7-10.9, 3500U BGG W/15-20' STEADY FLARE. WILL DROP SURVEY AND PUMP SLUG WHEN 10.9 PPG MUD BACK TO SURFACE.

FORMATION: CASTLEGATE 9375', ML TOP

SAFETY MEETING: TEAMWORK/SMOKING/PRIDE IN WORK

08-04-2004 Reported By T. STONE

DailyCosts: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD 9,613 TVD 9,613 Progress 6 Days 8 MW 11.9 Visc 51.0

Formation : PBT D : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: TIH

Start	End	Hrs	Activity Description
06:00	07:30	1.5	DRILL 9576' - 9582', ROP 4 FPH, WOB 32, RPM 57.
07:30	10:00	2.5	PUMPED SLUG. DROPPED SURVEY. POH 30 STANDS, 11 BBL SHORT ON FILL-UP. OBSERVED WELL WELL FLOWING.
10:00	11:00	1.0	TIH. WELL STILL HAD SMALL FLOW AFTER REACHING BOTTOM.
11:00	15:00	4.0	CIRCULATED GAS BUBBLE OUT OF HOLE, HAD 25-30' FLARE FOR 25-30 MIN. MAX GAS READING 6500U. CONDITIONED MUD TO 11.2 PPG. MUD CUT 10.6-10.9 OUT, BEHIND GAS BUSTER.
15:00	22:00	7.0	CIRCULATED RAISE MW: 11.5 IN/11.2 OUT W/2600/5000U, 11.7 IN/11.2 OUT W/3460U, 11.9 IN/11.5 OUT 2012U, NO FLARE. STARTED LOSING MUD VOLUME, SLOWED PUMPS AND CONT TO CIRC. FINAL CIRCULATION 11.9-IN/11.5 OUT 950U. LOST ±150 BBL MUD. CHECKED FLOW, WELL DEAD.
22:00	03:30	5.5	TOH, HOLE IN GOOD CONDITION, FILL UP OK. SURVEYED 9576', 2 1/2 DEG. BIT #1 DAMAGED. LOST & BROKE CUTTERS IN ALL AREAS, HAD ONE EXTRA JT IN STRING, CORRECTED TD 9613'.
03:30	05:00	1.5	TIH W/BIT #2, BHA & ONE STD DP.
05:00	06:00	1.0	SLIPPED & CUT DRILL LINE 120'.

08-05-2004 Reported By T. STONE

DailyCosts: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD 10,000 TVD 10,000 Progress 387 Days 9 MW 11.9 Visc 44.0

Formation : PBT D : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	06:30	0.5	FINISH SLIP & CUT DRILL LINE.
06:30	10:30	4.0	TIH. FILLED PIPE AT 3654'. BROKE CIRC AT 6436'. WASHED 24' TO BOTTOM, NO FILL. TRIP GAS 3486U.
10:30	12:00	1.5	DRILL 9613' - 9637', ROP 16 FPH, WOB 23/28, RPM 55.
12:00	12:30	0.5	SERVICED RIG. FUNCTIONED PIPE RAMS, ANNULAR, HCR, FLOOR AND KELLY VALVE. CHECKED CROWN-O-MATIC.
12:30	06:00	17.5	DRILL 9637' - 10,000', ROP 20.7 FPH, WOB 25/30, RPM55. BGG 3500U, CONN 4650U.

FORMATION: BLACKHAWK 9808', ML TOP

SAFETY MEETING: BHA/FORKLIFT/KELLY SPINNER

08-06-2004 Reported By T. STONE

DailyCosts: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD 10,240 TVD 10,240 Progress 240 Days 10 MW 11.9 Visc 43.0

Formation : PBT D : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: LD DRILL STRING

Start	End	Hrs	Activity Description
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06:00 08:30 2.5 DRILL 10,000' - 10,068', ROP 27.2 FPH, WOB 26/30, RPM 55. BIT DEPTH 10,037, HAD GOOD 20' FLARE.  
 08:30 09:00 0.5 SERVICED RIG. FUNCTIONED PIPE RAMS, ANNULAR, HCR, FLOOR AND KELLY VALVES. CHECKED CROWN-O-MATIC.  
 09:00 19:30 10.5 DRILL 10,068' - 10,240' TD, ROP 16.4 FPH, WOB 20/30, RPM 55/75. REACHED TD AT 19:30 HRS, 8/5/04.  
 19:30 20:30 1.0 CIRCULATED BOTTOMS UP.  
 20:30 23:00 2.5 SHORT TRIP 20 STD. MAX DRAG OFF BOTTOM 15K, NO FILL ON BOTTOM.  
 23:00 00:30 1.5 CIRCULATED BU. MAX GAS 4008U W/SMALL 5' FLARE. RU FRANKS WESTATES LAY DOWN MACHINE. HELD SAFETY MTG. PUMPED SLUG.  
 00:30 06:00 5.5 LD DRILL STRING. BIT AT 3500' AT REPORT TIME. HOLE IN GOOD CONDITION.

## SAFETY MEETING: HOUSEKEEPING/AIR LINES/LAYING DOWN PIPE

08-07-2004 Reported By T. STONE

Daily Costs: Drilling		Completion		Daily Total	
Cum Costs: Drilling		Completion		Well Total	
MD	10,240	TVD	10,240	Progress	0
		Days	11	MW	11.9
Formation :		PBTD : 0.0	Perf :	PKR Depth : 0.0	

Activity at Report Time: WO COMPLETION

Start	End	Hrs	Activity Description
06:00	09:30	3.5	FINISHED LAYING DOWN DRILL PIPE AND BHA. PULLED WEAR BUSHING. BUSHING REQUIRED 50K OVERPULL TO RELEASE. BUSHING WAS SLIGHTLY EGG SHAPED.
09:30	17:00	7.5	RU FRANKS WESTATES CASING TOOLS. HELD SAFETY MEETING.
<p>RAN 4 1/2", 11.6#, P-110, LTC CASING AS FOLLOWS: FLOAT SHOE, SHOE JT, FLOAT COLLAR, 72 JTS CASING, MARKER JT, 79 JTS CASING, MARKER JT, 101 JTS CASING, HANGER ASSY, AND LANDING JT. BOTTOM SHOE SET AT 10,232', TOP FLOAT COLLAR AT 10,189', TOP MARKER JTS AT 7,282' AND 4078'. RAN TOTAL 50 CENTRALIZERS ON SHOE JT, TOP 2nd JT, AND EVERY OTHER JT UNTIL OUT.</p>			
17:00	19:00	2.0	CIRCULATED AND CONDITIONED MUD FOR CEMENT. RU SCHLUMBERGER. HELD SAFETY MEETING.
19:00	21:00	2.0	PRESSURE TESTED LINES TO 5500 PSI. CEMENTED CASING W/20 BBL CHEMICAL WASH, 20 BBL WATER SPACER, 550 SX 35:65 POZG LEAD + 4% D020 + 2% D174 + .75% D112 + .2% D046 + .2% D013 + .25 lb/sk D029 @ 13.0 PPG, 8.8 GPS, 1.75 CFS, VOL=171.4BBL, FOLLOWED BY 1710 SX 50:50 POZG + 2% D020 + .1% D046 + .075% D013 + .2% D167 + .2% D065 @ 14.1 PPG, 1.29 CFS, 5.94 GPS, VOL = 392.9 BBL. DISPLACED CEMENT W/159 BBL FRESH WATER. BUMPED PLUG W/3750 PSI. FLOAT EQUIPMENT HELD. HAD FULL CIRCULATION THROUGHOUT JOB. CIP AT 2055 HRS. EST TOC @ 2230'. LANDED CASING HANGER W/EST 60K ON HANGER.
21:00	00:00	3.0	TESTED WELLHEAD TO 5000 PSI FOR 30 MIN. CLEANED MUD TANKS. RIG RELEASED TO STATE # 1-32. WILL DROP FROM REPORT UNTIL COMPLETION COMMENCES.
SAFETY MTG: RUNNING CASING, CEMENTING.			
00:00		24.0	RELEASED RIG AT 2400 HRS, 8/06/04

08-22-2004 Reported By SEARLE

Daily Costs: Drilling		Completion		Daily Total	
Cum Costs: Drilling		Completion		Well Total	
MD	10,240	TVD	10,240	Progress	0
		Days	12	MW	0.0
				Visc	0.0

Formation : MESAVERDE

PBSD : 0.0

Perf : 9813-9905

PKR Depth : 0.0

Activity at Report Time: FRAC MESAVERDE

Start	End	Hrs	Activity Description
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07:00	12:00	5.0	NU 10M BOPE. RU SHOT OIL UNIT. TEST CASING & BOPE TO 4500 PSIG. RD HOT OIL UNIT.
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RU CUTTERS WIRELINE. PERFORATE BLACKHAWK ZONE @ 9813'-15', 9819'-22', 9849'-51', 9873'-75' & 9903'-05' WITH 3 1/8" HSC PORTED CASING GUNS @ 2 SPF @ 180 DEG PHASING. RDWL. SIFN.

08-24-2004 Reported By SEARLE

DailyCosts: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD	10,240	TVD	10,240	Progress	0	Days	13	MW	0.0	Visc	0.0
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Formation : MESAVERDE

PBSD : 0.0

Perf : 8341-9905

PKR Depth : 0.0

Activity at Report Time: DRILL OUT PLUGS

Start	End	Hrs	Activity Description
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07:00	18:00	11.0	SICP 0 PSIG. RU SCHLUMBERGER. FRAC BLACKHAWK DOWN CASING W/4984 GAL YF125ST PAD, 47,611 GAL YF125ST & YF118ST & 167,981# 20/40 SAND @ 1-6 PPG. MTP 8276 PSIG. MTR 52.7 BPM. ATP 6236 PSIG. ATR 44.7 BPM. ISIP 4200 PSIG. RD SCHLUMBERGER.
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RUWL. SET 10K COMPOSITE FRAC PLUG @ 9328'. PERFORATED LPR FROM 9077'-79', 9117'-19', 9133'-35', 9155'-56', 9179'-80', 9195'-96' & 9206'-08' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/4959 GAL YF125ST PAD, 45,136 GAL YF125ST & YF118ST & 168,413# 20/40 SAND @ 1-6 PPG. MTP 8259 PSIG. MTR 51.3 BPM. ATP 6013 PSIG. ATR 47.6 BPM. ISIP 3200 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 9047'. PERFORATED LPR FROM 8801'-03', 8815'-17', 8830'-31', 8856'-58', 8865'-67' & 8991'-94' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/4955 GAL YF125ST PAD, 49,526 GAL YF125ST & YF118ST & 192,550# 20/40 SAND @ 1-6 PPG. MTP 7780 PSIG. MTR 52.4 BPM. ATP 5717 PSIG. ATR 48.9 BPM. ISIP 2990 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 8784'. PERFORATED LPR/MPR FROM 8608'-10', 8632'-33', 8654'-55', 8664'-66', 8677'-78', 8717'-18', 8738'-40' & 8759'-61' @ 2 SPF & 180° DEG PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/4966 GAL YF125ST PAD, 45,092 GAL YF125ST & YF118ST & 168,331# 20/40 SAND @ 1-6 PPG. MTP 8491 PSIG. MTR 51.7 BPM. ATP 6046 PSIG. ATR 46.6 BPM. ISIP 3300 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 8572'. PERFORATED MPR FROM 8341'-43', 8382'-84', 8405'-06', 8417'-18', 8432'-33', 8446'-48', 8457'-59', 8490'-91', 8502'-03' & 8547'-48' @ 2 SPF @ 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/4954 GAL YF125ST PAD, 49,858 GAL YF125ST & YF118ST & 195,156# 20/40 SAND @ 1-6 PPG. MTP 8116 PSIG. MTR 51.7 BPM. ATP 5424 PSIG. ATR 48.5 BPM. ISIP 3000 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE BP @ 8226'. RDWL. BLED OFF PRESSURE. SDFN. WO RIG.

08-26-2004 Reported By HANSEN

DailyCosts: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD	10,240	TVD	10,240	Progress	0	Days	14	MW	0.0	Visc	0.0
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Formation : MESAVERDE

PBSD : 0.0

Perf : 8341-9905

PKR Depth : 0.0

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
-------	-----	-----	----------------------

07:00 06:00 23.0 SICP 1000 PSIG. MIRU ROYAL WELL SERVICE. BLED OFF PRESSURE. RIH W/3-7/8"BIT & PUMP OFF ASSEMBLY TO BP @ 8251'. DRILLED OUT BP. CP 2300 PSIG. 24/64" CHOKE.

FLOWED 1/2 HR ON 32/64" CHOKE. FCP 2800 PSIG. RECOVERED 75 BLW. FLOWED 15 HRS. 16/64" CHOKE. TP O PSIG. FCP 3200 PSIG. 50-60 BFPH. RECOVERED 930 BLW. 6141 BLWTR.

08-27-2004 Reported By SEARLE

DailyCosts: Drilling		Completion		Daily Total	
Cum Costs: Drilling		Completion		Well Total	
MD	10,240 TVD	10,240	Progress 0	Days 14	MW 0.0 Visc 0.0
Formation : MESAVERDE		PBTD : 0.0		Perf : 8341-9905	
				PKR Depth : 0.0	

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS ON 16/64" CHOKE. FCP 3000 PSIG. 28-30 BFPH. LIGHT CONDENSATE. RECOVERED 965 BLW. 5176 BLWTR.

08-28-2004 Reported By SEARLE

DailyCosts: Drilling		Completion		Daily Total	
Cum Costs: Drilling		Completion		Well Total	
MD	10,240 TVD	10,240	Progress 0	Days 15	MW 0.0 Visc 0.0
Formation : MESAVERDE		PBTD : 0.0		Perf : 8341-9905	
				PKR Depth : 0.0	

Activity at Report Time: DRILL PLUGS

Start	End	Hrs	Activity Description
06:00	06:00	24.0	CIRCULATED W/TREATED WATER. CP 1850 PSIG. DRILLED OUT PLUGS @ 8226', 8572', & 8784'. PRESSURE INCREASED TO 2600 PSIG ON 16/64" CHOKE. CIRCULATED 2 HRS. CP 1950 PSIG. DRILLED OUT PLUGS @ 9047' & 9328'. CP 2200 PSIG.

FLOWED 12 HRS. 16/64" CHOKE. FCP 3200 PSIG. 30-35 BFPH. RECOVERED 640 BLW. 4536 BLWTR.

06:00

08-29-2004 Reported By SEARLE

DailyCosts: Drilling		Completion		Daily Total	
Cum Costs: Drilling		Completion		Well Total	
MD	10,240 TVD	10,240	Progress 0	Days 16	MW 0.0 Visc 0.0
Formation : MESAVERDE		PBTD : 0.0		Perf : 8341-9905	
				PKR Depth : 0.0	

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	CIRCULATED W/TREATED WATER. CP 2000 PSIG. RIH. FILL @ 9949'. CLEANED OUT TO PBTD. LANDED TUBING @ 9934' KB. ND BOPE. NU TREE. DROPPED BALL. PUMPED OFF BIT & SUB. RDMOSU.

FLOWED 15 HRS. 16/64" CHOKE. FTP 3000 PSIG. CP 2600 PSIG. 30-35 BFPH. RECOVERED 745 BLW. 3791 BLWTR.

08-30-2004 Reported By SEARLE

DailyCosts: Drilling		Completion		Daily Total	
Cum Costs: Drilling		Completion		Well Total	
MD	10,240 TVD	10,240	Progress 0	Days 17	MW 0.0 Visc 0.0
Formation : MESAVERDE		PBTD : 10109.0		Perf : 8341-9905	
				PKR Depth : 0.0	

## Activity at Report Time: SI - WO PROD FACILITIES

Start	End	Hrs	Activity Description
06:00	24:00	18.0	FLOWED 18 HRS ON 16/64" CHOKE. FTP 3050 PSIG. CP 3700 PSIG. 7-10 BFPH. RECOVERED 370 BLW. 3421 BLWTR. SI. TURNED WELL OVER TO PRODUCTION DEPARTMENT.

FINAL COMPLETION DATE 8/29/04

TUBING DETAIL: LENGTH

PUMP OFF SUB .90'  
1 JT 2 3/8" 4.7# N80 TUBING 32.54'  
XN NIPPLE 1.10'  
304 JTS 2 3/8" 4.7# N80 TUBING 9887.35'  
BELOW KB 14.00'  
TUBING LANDED @ 9935.89' KB

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

019

SUNDRY NOTICES AND REPORTS ON WELLS

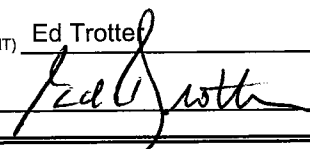
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-0285-A
2. NAME OF OPERATOR: EOG RESOURCES, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. BOX 1910 CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: CHAPITA WELLS UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1382' FNL, 2286' FEL		8. WELL NAME and NUMBER: CHAPITA WELLS UNIT 839-27
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 27 9S 22E S		9. API NUMBER: 4304735441
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

NAME (PLEASE PRINT) Ed Trotter	TITLE Agent
SIGNATURE 	DATE 7/1/2004

(This space for State use only)

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SEP 30 2004

DIV. OF OIL, GAS & MINING



## EIGHT POINT PLAN

### CHAPITA WELLS UNIT 839-27 SW/NE, SEC. 27, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### **1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:**

<b>FORMATION</b>	<b>DEPTH (KB)</b>
Wasatch	4,571'
Island	6,997'
KMV Price River	7,263'
KMV Price River Middle	7,944'
KMV Price River Lower	8,730'
Sego	9,183'
KMV Castlegate	9,364'
Base Castlegate SS	9,590'
KMV Black Hawk	9,802'

EST. TD: 10,225

Anticipated BHP 4400 PSI

3. **PRESSURE CONTROL EQUIPMENT:** A 5M BOP will be used on the Production Hole only. (See attached BOP Diagram), Pressure Control Equipment will not be used on the Surface Hole.

#### **4. CASING PROGRAM:**

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>MINIMUM SAFETY FACTOR</u>		
							<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
20"	0' - 45' +/- GL	45' +/-	13 3/8"	48.0 #	H-40	ST&C	770 PSI	1730 PSI	322,000#
12 1/4"	45' - 2300' +/- KB	2300' +/-	9 5/8"	36.0 #	J-55	ST&C	2020 PSI	3520 PSI	394,000#
7 7/8"	2300' - TD +/- KB	10,775' +/-	4 1/2"	11.6 #	N-80	LT&C	6350 PSI	7780 PSI	223,000#

All casing will be new or inspected.

#### **5. Float Equipment:**

##### **CONDUCTOR HOLE PROCEDURE (0-45' Below GL):**

None

##### **SURFACE HOLE PROCEDURE (45'-2300'):**

Guide Shoe

Insert Float Collar (PDC drillable)

Cents.: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

##### **PRODUCTION HOLE PROCEDURE 2300'-TD:**

FS, 1 joint of casing, FC, and balance of casing to surface. Run 11.6#, N-80 burst rating or equivalent marker collars or short casing joints at  $\pm 8,010'$  (Top of Price River) and  $\pm 4,600'$  (400' above the Wasatch) (alter depth if needed to avoid placing across any potentially- productive intervals). Centralize 5' above shoe on joint #1, top of joint #2, then every 2nd joint to 400' above Island top (50 total). Thread lock FS, top and bottom of FC, and top of 2<sup>nd</sup> joint.

## EIGHT POINT PLAN

### CHAPITA WELLS UNIT 839-27 SW/NE, SEC. 27, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### **6. MUD PROGRAM**

##### **CONDUCTOR HOLE PROCEDURE (0-45' Below GL):**

Dry or light mud as needed to support drilling by Bucket Rig.

##### **SURFACE HOLE PROCEDURE (45'-2300'):**

Air, Air Mist and Water (circulate through reserve pit) with Gel/LCM sweeps.

##### **PRODUCTION HOLE PROCEDURE 2300'-TD:**

2300' - 4500' Water (circulate through reserve pit) with Gel/LCM sweeps.

4500' - 6900' Close in mud system. "Mud up" with **6.0 ppb** Diammonium Phosphate (DAP). Drill with DAP water, POLYPLUS for viscosity and hole cleaning, adding KLA-GARD B for supplemental inhibition. Also sweep hole periodically w/ Durogel / LCM sweeps to clean the hole and seal loss zones. Add additional LCM as hole dictates. Mud weight and vis as needed, water loss – no control.

6900' - TD Discontinue KLA-GARD B. Utilize POLYPAC-R for fluid loss control. Maintain **5.5 ppb** DAP. **Do not mix caustic or lime.** Maintain 7.5-8.5 pH. Weight up system and add vis as hole conditions require. Run LCM sweep periodically to seal off loss zones or more often as hole dictates. Water loss: 20 cc's maximum. Expect increasing gas shows requiring heavier mud weights from top of Island onward. Treat CO<sub>2</sub> contamination with DESCO CF and OSIL (Oxygen scavenger) if mud properties dictate.

#### **7. VARIANCE REQUESTS:**

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

#### **8. EVALUATION PROGRAM:**

Logs: Schlumberger Platform Express TD – Surface Casing, with Di-pole Sonic from TD to surface in 1 run.

## EIGHT POINT PLAN

### CHAPITA WELLS UNIT 839-27 SW/NE, SEC. 27, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### **9. CEMENT PROGRAM:**

##### **CONDUCTOR HOLE PROCEDURE (0-45' Below GL):**

Ready-Mix concrete

##### **SURFACE HOLE PROCEDURE (45'-2300'+/-):**

###### **Option #1: Well circulates or drills with air.**

**Tail: 500' of Class 'G' mixed at 15.8 ppg w/ 2% CaCl<sub>2</sub> & 0.25 pps Flocele + 35% Excess or Type 5 Cement mixed at 15.6 ppg w/ 2% CaCl<sub>2</sub> & 0.25 pps Flocele + 35% Excess.**

**Lead: Hi-Fill Cement mixed at 11 ppg with 16% Gel, 10#/sx Gilsonite, 3% salt, 3#/sx GR-3 and 0.25 #/sx Flocele plus 35% Excess to get cement returns to surface.**

###### **Option #2: Well does not circulate.**

Class 'G' cement mixed at 15.8 ppg w/ 2% CaCl<sub>2</sub> & 0.25 pps Flocele + 35% Excess or Type % 5 Cement mixed at 15.6 ppg w/ 2% CaCl<sub>2</sub> & 0.25 pps Flocele + 35% Excess to 100' above the lost circulation zone and top out with same with 3-4% CaCl<sub>2</sub> to get cement returns to surface.

##### **PRODUCTION HOLE PROCEDURE 2300'-TD:**

**Lead: 110 sks 35:65 Poz G w/ 4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.15% D13 (Retarder), 0.25 pps D29 (cello flakes), mixed at 13.0 ppg, 1.73 cu. ft./sk., 9.06 gps water**

**Tail: 190 sks: 50:50 Poz G w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.15% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 cu. ft./sk., 5.9 gps water.**

#### **10. ABNORMAL CONDITIONS:**

##### **SURFACE HOLE (45'-2300')**

**Potential Problems:** Lost circulation below 1800' and minor amounts of gas may be present.

##### **PRODUCTION HOLE 2300'-TD**

**Potential Problems:** Sloughing shales and key seat development are possible in the Wasatch Formation. CO<sub>2</sub> contamination in the mud is possible in the Price River (Mesa Verde).

**EIGHT POINT PLAN**

**CHAPITA WELLS UNIT 839-27**  
**SW/NE, SEC. 27, T9S, R22E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

**11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**12. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

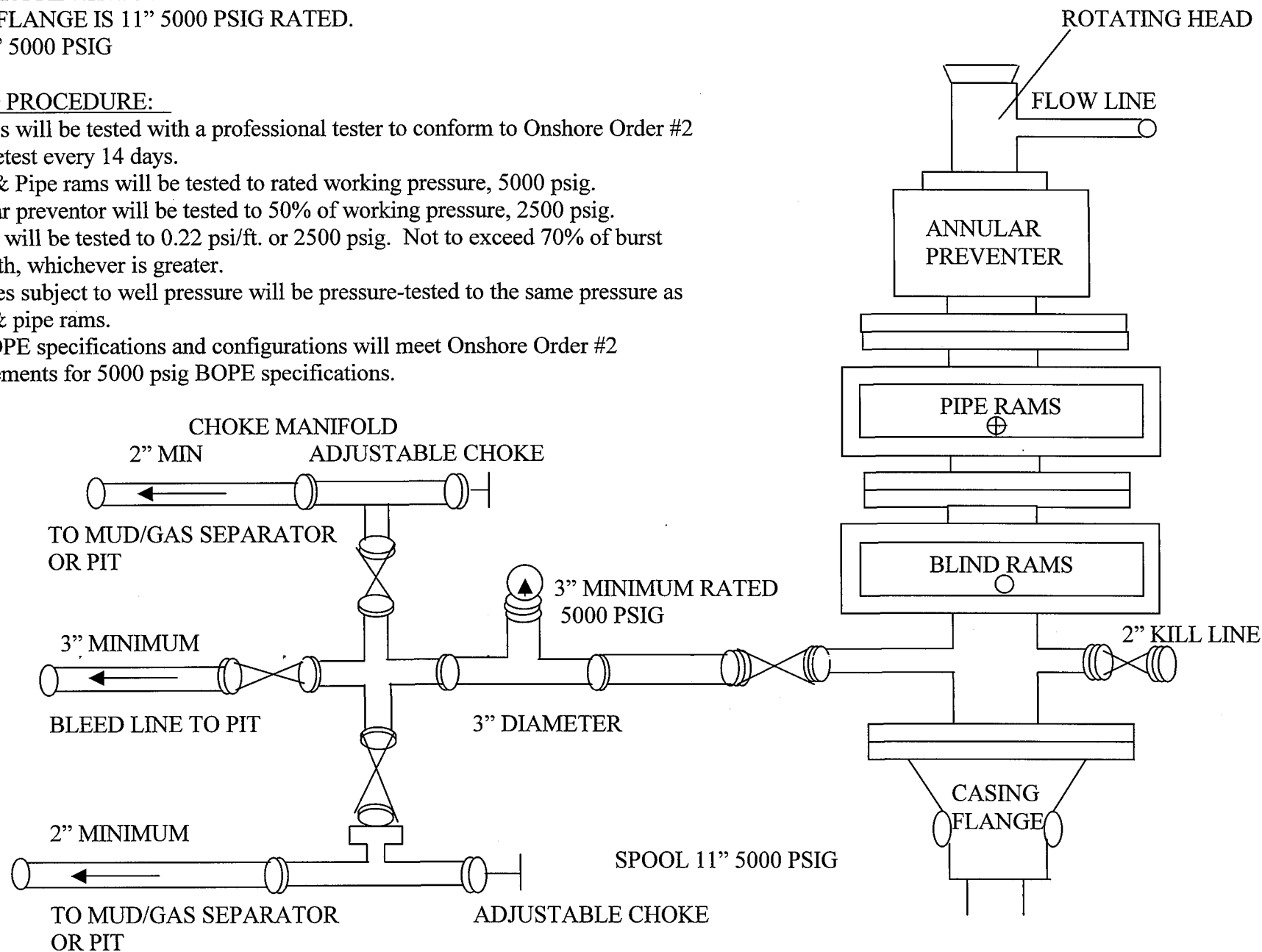
(Attachment: BOP Schematic Diagram)

## 5000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 5000 PSIG RATED.  
CASING FLANGE IS 11" 5000 PSIG RATED.  
BOPE 11" 5000 PSIG

### TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 5000 psig.
3. Annular preventor will be tested to 50% of working pressure, 2500 psig.
4. Casing will be tested to 0.22 psi/ft. or 2500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 5000 psig BOPE specifications.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

015

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator EOG RESOURCES, INC	
3a. Address P. O. BOX 250, BIG PINEY, WY	3b. Phone No. (include area code) (307) 276-3331
4. Location of Well (Footage, Sec., T. R., M., or Survey Description) SECTION 27, T9S, R22E SWNE 1382 FNL - 2286 FEL 40.010425 LAT 109.424150 LONG	

5. Lease Serial No. U-0285-A
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS
8. Well Name and No. CHAPITA WELLS UNIT 839-27
9. API Well No. 43-047-35441
10. Field and Pool, or Exploratory Area NATURAL BUTTES
11. County or Parish, State UINTAH, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>FIRST SALES</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

INITIAL PRODUCTION: The referenced well was turned to sales 11:00 a.m., 9/9/2004 through Questar meter # 6522 on a 8/64" choke.  
Opening Pressure, FTP 4150 psig, CP 4620 psig.

*This is a print out of the real # 15.  
It was scanned on November 16, 2004.  
CC Only*

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Alfreda Schulz

Title Sr. Regulatory Assistant

Signature

*Alfreda Schulz*

Date 10/01/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

Name  
(Printed/Typed)

Title

Office

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on next page)

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2004

016

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
U-0285-A

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator

EOG RESOURCES, INC

3. Address

P. O. BOX 250, BIG PINEY WY 83113

3a. Phone No. (include area code)

(307) 276-3331

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface SWNE 1382 FNL 2286 FEL 40.010425 LAT 109.424150 LON

At top prod. interval reported below SAME

At total depth SAME

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

CHAPITA WELLS UNIT

8. Lease Name and Well No.

CHAPITA WELLS UNIT 839-27

9. API Well No.

43-047-35441

10. Field and Pool, or Exploratory

NATURAL BUTTES / MESAVERDE

11. Sec., T., R., M., on Block and Survey  
or Area SEC 27, T9S, R22E

12. County or Parish

UINTAH

13. State

UT

14. Date Spudded

7/1/2004

15. Date T.D. Reached

8/5/2004

16. Date Completed

☐ D&A☒ Ready to Prod.

9-9-04

17. Elevations (DF, RKB, RT, GL)\*

4985 KB

18. Total Depth: MD 10,240  
TVD19. Plug Back T.D.: MD 9934  
TVD20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

RST-GR, CBL-GR-CCL

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4	9 5/8 J-55	36	0	2417		590			
7 7/8	4 1/2 P-110	11.6	0	10,232		2260			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8	9936							

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	8608	9905	9813 TO 9905		2	SPF
B)			9077 TO 9208		2	SPF
C)			8801 TO 8994		2	SPF
D)			8608 TO 8761		2	SPF

26. Perforation Record

27. Depth, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9813 TO 9905	1252 BBLS GELLED WATER & 167,981 # 20/40 SAND
9077 TO 9208	1193 BBLS GELLED WATER & 168,413 # 20/40 SAND
8801 TO 8994	1297 BBLS GELLED WATER & 192,550 # 20/40 SAND
8608 TO 8761	1192 BBLS GELLED WATER & 168,331 # 20/40 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
9/9/04	9/13/04	24	<input type="checkbox"/>	27	1054	76			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
8/64	3900	4550	<input type="checkbox"/>	27	1054	76		PRODUCING GAS WELL	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			<input type="checkbox"/>						
Choke Size	Tbg. Press. Flwg. SI	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

(See instructions and spaces for additional data on next page)

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity, Corr. API	Gas Gravity	Production Method
			<input type="checkbox"/>						
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity, Corr. API	Gas Gravity	Production Method
			<input type="checkbox"/>						
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

## 29. Disposition of Gas (Sold used for fuel, vented, etc.)

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
MESAVERDE	8608	9905		WASATCH	4579
				CHAPITA WELLS	5169
				BUCK CANYON	5782
				NORTHORN	6524
				MESAVERDE	7236
				MIDDLE PRICE RIVER	7915
				LOWER PRICE RIVER	8711
				PRESSURE PICKS	7846
				SEGO	9169
				CASTLEGATE	9342
				BASE CASTLEGATE	9575
				BLACKHAWK	9713

## 32. Additional remarks (include plugging procedure):

TURNED TO SALES THROUGH QUESTAR METER # 6522. Two 400 bbl tanks # 80376V & 80377V are on location.  
 Perforated the Blackhawk from 9813-15', 9819-22', 9849-51', 9873-75' & 9903-05' w/2 SPF.  
 Perforated the Lower Price River from 9077-79', 9117-19', 9133-35', 9155-56', 9179-80', 9195-96' & 9206-08' w/2 SPF.  
 Perforated the Lower Price River from 8801-03', 8815-17', 8830-31', 8856-58', 8865-67' & 8991-94' w/2 SPF.  
 Perforated the Lower Price River / Middle Price River from 8608-10', 8632-33', 8654-55', 8664-66', 8677-78', 8717-18', 8738-40' & 8759-61' w/2 SPF.  
 ADDITIONAL REMARKS - SEE ATTACHED SHEET

## 33. Circle enclosed attachments:

- 1 Electrical/Mechanical Logs (1 full set req'd.)    2 Geologic Report    3 DST Report    4 Directional Survey  
 5 Sundry Notice for plugging and cement verification    6 Core Analysis    7 Other: \_\_\_\_\_

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Kaylene R. GardnerTitle Regulatory AssistantSignature Date October 11, 2004

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



32. ADDITIONAL REMARKS:

Perforated Middle Price River from 8341-43', 8382-84', 8405-06', 8417-18', 8432-33', 8446-48', 8457-59', 8490-91', 8502-03', 8547-48' w/2 SPF. Fracture stimulated with 1305 bbls gelled water & 195,156 # 20/40 sand.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2004

017

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

CORRECTION PBTD FROM PREVIOUS SUBMISSION 10/11/2004

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other \_\_\_\_\_  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator

EOG RESOURCES, INC

3. Address

P. O. BOX 250, BIG PINEY WY 83113

3a. Phone No. (include area code)

(307) 276-3331

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface SWNE 1382 FNL 2286 FEL 40.010425 LAT 109.424150 LON

At top prod. interval reported below SAME

At total depth SAME

14. Date Spudded

7/1/2004

15. Date T.D. Reached

8/5/2004

16. Date Completed

☐ D&A ☒ Ready to Prod.18. Total Depth: MD 10,240  
TVD19. Plug Back T.D.: MD 10,109  
TVD20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

RST-GR, CBL-GR-CCL

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4	9 5/8 J-55	36	0	2417		590			
7 7/8	4 1/2 P-110	11.6	0	10,232		2260			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8	9936							

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	8608	9905	9813 TO 9905		2	SPF
B)			9077 TO 9208		2	SPF
C)			8801 TO 8994		2	SPF
D)			8608 TO 8761		2	SPF

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9813 TO 9905	1252 BBLS GELLED WATER & 167,981 # 20/40 SAND
9077 TO 9208	1193 BBLS GELLED WATER & 168,413 # 20/40 SAND
8801 TO 8994	1297 BBLS GELLED WATER & 192,550 # 20/40 SAND
8608 TO 8761	1192 BBLS GELLED WATER & 168,331 # 20/40 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
9/9/04	9/13/04	24	<input type="checkbox"/>	27	1054	76			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
8/64	3900	4550	<input type="checkbox"/>	27	1054	76		PRODUCING GAS WELL	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			<input type="checkbox"/>						
Choke Size	Tbg. Press. Flwg. SI	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

(See instructions and spaces for additional data on next page)

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

## 29. Disposition of Gas (Sold used for fuel, vented, etc.)

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
MESAVERDE	8608	9905		WASATCH	4579
				CHAPITA WELLS	5169
				BUCK CANYON	5782
				NORTHORN	6524
				MESAVERDE	7236
				MIDDLE PRICE RIVER	7915
				LOWER PRICE RIVER	8711
				PRESSURE PICKS	7846
				SEGO	9169
				CASTLEGATE	9342
				BASE CASTLEGATE	9575
				BLACKHAWK	9713

## 32. Additional remarks (include plugging procedure):

CORRECTED PBTD - FROM PREVIOUS SUBMISSION 10/11/2004  
 TURNED TO SALES THROUGH QUESTAR METER # 6522. Two 400 bbl tanks # 80376V & 80377V are on location.  
 Perforated the Blackhawk from 9813-15', 9819-22', 9849-51', 9873-75' & 9903-05' w/2 SPF.  
 Perforated the Lower Price River from 9077-79', 9117-19', 9133-35', 9155-56', 9179-80', 9195-96' & 9206-08' w/2 SPF.  
 Perforated the Lower Price River from 8801-03', 8815-17', 8830-31', 8856-58', 8865-67' & 8991-94' w/2 SPF.  
 Perforated the Lower Price River / Middle Price River from 8608-10', 8632-33', 8654-55', 8664-66', 8677-78', 8717-18', 8738-40' & 8759-61' w/2 SPF.  
 ADDITIONAL REMARKS - SEE ATTACHED SHEET

## 33. Circle enclosed attachments:

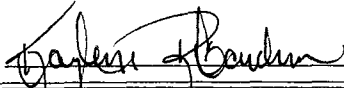
- 1 Electrical/Mechanical Logs (1 full set req'd.)    2 Geologic Report    3 DST Report    4 Directional Survey  
 5 Sundry Notice for plugging and cement verification    6 Core Analysis    7 Other: \_\_\_\_\_

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Kaylene R. Gardner

Title Regulatory Assistant

Signature



Date October 27, 2004

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

32. ADDITIONAL REMARKS:

Perforated Middle Price River from 8341-43', 8382-84', 8405-06', 8417-18', 8432-33', 8446-48', 8457-59', 8490-91', 8502-03', 8547-48' w/2 SPF. Fracture stimulated with 1305 bbls gelled water & 195,156 # 20/40 sand.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2004

018

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
U-0285-A

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other  
 b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
 Other \_\_\_\_\_

2. Name of Operator

EOG RESOURCES, INC

3. Address

P. O. BOX 250, BIG PINEY WY 83113

3a. Phone No. (include area code)

(307) 276-3331

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface SWNE 1382 FNL 2286 FEL 40.010425 LAT 109.424150 LON

At top prod. interval reported below SAME

At total depth SAME

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

CHAPITA WELLS UNIT

8. Lease Name and Well No.

CHAPITA WELLS UNIT 839-27

9. API Well No.

43-047-35441

10. Field and Pool, or Exploratory

NATURAL BUTTES / MESAVERDE

11. Sec., T., R., M., on Block and Survey  
or Area SEC 27, T9S, R22E

12. County or Parish

UINTAH

13. State

UT

17. Elevations (DF, RKB, RT, GL)\*

4985 KB

14. Date Spudded

7/1/2004

15. Date T.D. Reached

8/5/2004

16. Date Completed

☐ D&A ☒ Ready to Prod.

9/9/2004

18. Total Depth: MD 10,240  
TVD19. Plug Back T.D.: MD 10,109  
TVD20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

RST-GR, CBL-GR-CCL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4	9 5/8 J-55	36	0	2417		590			
7 7/8	4 1/2 P-110	11.6	0	10,232		2260			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8	9936							

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	8608	9905	9813 TO 9905		2	SPF
B)			9077 TO 9208		2	SPF
C)			8801 TO 8994		2	SPF
D)			8608 TO 8761		2	SPF

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9813 TO 9905	1252 BBLS GELLED WATER & 167,981 # 20/40 SAND
9077 TO 9208	1193 BBLS GELLED WATER & 168,413 # 20/40 SAND
8801 TO 8994	1297 BBLS GELLED WATER & 192,550 # 20/40 SAND
8608 TO 8761	1192 BBLS GELLED WATER & 168,331 # 20/40 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
9/9/04	9/13/04	24	<input type="checkbox"/>	27	1054	76			PRODUCING GAS WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
8/64	3900	4550	<input type="checkbox"/>	27	1054	76			

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			<input type="checkbox"/>						
Choke Size	Tbg. Press. Flwg. SI	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

(See instructions and spaces for additional data on next page)

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DEC 13 2004

DIV. OF OIL, GAS & MINING  
FLOWS FROM WELL

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			<input type="checkbox"/>						
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			<input type="checkbox"/>						
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

## 29. Disposition of Gas (Sold used for fuel, vented, etc.)

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
MESAVERDE	8608	9905		WASATCH	4579
				CHAPITA WELLS	5169
				BUCK CANYON	5782
				NORTHORN	6524
				MESAVERDE	7236
				MIDDLE PRICE RIVER	7915
				LOWER PRICE RIVER	8711
				PRESSURE PICKS	7846
				SEGO	9169
				CASTLEGATE	9342
				BASE CASTLEGATE	9575
				BLACKHAWK	9713

## 32. Additional remarks (include plugging procedure):

CORRECTED PBTD - FROM PREVIOUS SUBMISSION 10/11/2004

TURNED TO SALES THROUGH QUESTAR METER # 6522. Two 400 bbl tanks # 80376V & 80377V are on location.

Perforated the Blackhawk from 9813-15', 9819-22', 9849-51', 9873-75' & 9903-05' w/2 SPF.

Perforated the Lower Price River from 9077-79', 9117-19', 9133-35', 9155-56', 9179-80', 9195-96' & 9206-08' w/2 SPF.

Perforated the Lower Price River from 8801-03', 8815-17', 8830-31', 8856-58', 8865-67' & 8991-94' w/2 SPF.

Perforated the Lower Price River / Middle Price River from 8608-10', 8632-33', 8654-55', 8664-66', 8677-78', 8717-18', 8738-40' & 8759-61' w/2 SPF.

ADDITIONAL REMARKS - SEE ATTACHED SHEET

## 33. Circle enclosed attachments:

- 1 Electrical/Mechanical Logs (1 full set req'd.)      2 Geologic Report      3 DST Report      4 Directional Survey  
5 Sundry Notice for plugging and cement verification      6 Core Analysis      7 Other: \_\_\_\_\_

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Kaylene R. Gardner

Title Regulatory Assistant

Signature

Date 12/10/04

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

32. ADDITIONAL REMARKS:

Perforated Middle Price River from 8341-43', 8382-84', 8405-06', 8417-18', 8432-33', 8446-48', 8457-59', 8490-91', 8502-03', 8547-48' w/2 SPF. Fracture stimulated with 1305 bbls gelled water & 195,156 # 20/40 sand.

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DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

U-0285-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

CHAPITA WELLS UNIT

8. Well Name and No.

CWU 839-27

9. API Well No.

43-047-35441

10. Field and Pool, or Exploratory Area

NATURAL BUTTES/MESAVERDE

11. County or Parish, State

UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

EOG RESOURCES, INC.

3a. Address

P.O. BOX 250 Big Piney WY, 83113

3b. Phone No. (include area code)

307-276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNE 1382 FNL 2286 FEL 40.010425 LAT 109.424150 LON  
SECTION 27, T9S, R22E

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CONTINUED
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	COMPLETION
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletable horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. continued completion of the referenced well opening additional pay in the Mesaverde as follows:

- Set 10k composite frac plug @ 8330'. Perforated the Middle Price River from 8196-97', 8223-27', 8265-68' & 8291-93' w/2 SPF. Fracture stimulated with 1155 bbls gelled water & 171,584 # 20/40 sand.
- Set 10k composite frac plug @ 8182'. Perforated the Middle Price River from 8037-38', 8054-57', 8079-80', 8093-96', 8116-18', 8126-28' & 8145-46' w/2 SPF. Fracture stimulated with 1194 bbls gelled water & 169,021 # 20/40 sand.
- Set 10k composite frac plug @ 8008'. Perforated the Middle Price River from 7901-04', 7929-31', 7951-54', 7965-66' & 7976-78' w/2 SPF. Fracture stimulated with 1192 bbls gelled water & 169,172 # 20/40 sand.
- Set 10k composite frac plug @ 7884'. Perforated the Upper Price River from 7726-29', 7745-76', 7755-56', 7767-68', 7800-01', 7815-17' & 7841-44' w/2 SPF. Fracture stimulated with 1193 bbls gelled water & 169,404 # 20/40 sand.
- Set 10k composite frac plug @ 7708'. Perforated the Upper Price River from 7572-74', 7596-97', 7616-18', 7637-40' & 7675-78' w/2 SPF. Fracture stimulated with 1191 bbls gelled water & 168,360 # 20/40 sand. Drilled out plugs @ 7550', 7708', 7884', 8008', 8182'. Tubing landed @ 7532'. Returned to sales through Questar meter # 6522.

TEST: 4/17/2005, 752 MCF, 98 BO, 14 BO on 10/64" choke. TP 2000 psig, CP 2400 psig.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Kaylene R. Gardner

Title Regulatory Assistant

Signature

Date

04/21/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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APR 25 2005

DIV. OF OIL, GAS &amp; MINING